Agriculture Statistics Yearbook 1982

Alberta
AGRICULTURE
AGDEX 853 10

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PREFACE

The Agriculture Statistics Yearbook for Alberta provides 1982 statistics where available, with the most current statistics otherwise, thereby serving as a reference to those interested in agriculture in Alberta. Although several graphs and short tables date back a few years, long term data and tables for years prior to 1981 may be obtained from the Statistics Branch. In addition, we remind users that the data in this publication is subject to revision.

Statistics Branch publishes and revises much of the data in this publication throughout the year. This data is released on statistics fact sheets and this format may be more appropriate for those individuals wishing only selected pages of this publication. If this is the type of information you require please contact us at any time during the year.

Data was derived from several sources with major contributions made by the Agriculture Statistics Division, Statistics Canada in cooperation with Alberta Agriculture. We also gratefully acknowledge the cooperation of Agriculture Canada and contributions of other federal and provincial departments mentioned within Sources and Methods located at the back of this publication.

Special appreciation is extended to all the agricultural producers, processors and associations that responded to surveys or supplied other information to either Statistics Canada or Alberta Agriculture.

Evaluation of this publication and suggestions for improvements will be greatly appreciated and should be forwarded to Statistics Branch, Alberta Agriculture, Edmonton.

on several inputs. Price increases for inputs surveyed by A.I.M.S. are as follows; mechanical labour 11%, machinery parts 5-9%, purple gasoline and diesel fuel 12%, propane 20%, fertilizer 5-12%, machinery 7-14% and cement 18%. Prices declined 11% for lumber, 16% for Feed barley and 3% and 9% for seed wheat and barley.

The Alberta Government continued various assistance programs to agricultural producers during 1982. In addition, several new programs and changes to existing plans were introduced with the major ones being described below.

As a result of drought conditions in various parts of the province, a Northern Drought Disaster Crop Advance Assistance Program was implemented to aid producers with lower than average crop yields. The program covering wheat, oats, barley, rye, flax, canola, mustard and honey was directed to areas in the Peace River Region. The advance, based on seeded acreage per crop, will be forgiven provided crop insurance is taken for 1983-1985.

The Feed Freight Assistance Program, started in 1981, was expanded to help producers in drought areas secure feed to maintain their basic livestock herds through the winter. The program applied to primary livestock producers in designated areas of Alberta. Assistance or freight charges were limited to a maximum of $33/tonne for hay and $13/tonne for silage to a total limit of $6,000 per operator.

To increase farm income through the improvement and development of agricultural land, the Range and Soil Improvement Program was established. The program administered by the Alberta Agricultural Development Corporation guarantees loans up to a maximum of $10,000 per farm family for the purpose of brushing and breaking uncultivated land, brush control through mechanical or biological means, liming and range weed control. An incentive of $70 per $1,000 of original loan is payable over five years. This program replaces the Native Range Improvement Program.

In addition to the assistance provided under the Range and Soil Improvement Program for liming, the Agricultural Lime Freight Assistance Program was continued. The purpose of the program is to help defray the cost of transporting lime to areas with acidic soils. Producers are eligible to receive a rebate of 80% on that portion of transportation charges exceeding $5.50 per tonne.

Under the Alberta Farm Fuel Distribution Allowance Program, the discount on purple gas and diesel fuel used on the farm was raised to 7¢ per litre. The discount is estimated to provide a savings of $1,350 per farm. The introduction of the Alberta Small Business and Farm Interest Shielding Program will further defray farm expenses. The two year program is designed to reduce loan interest rates to an effective minimum rate of 14.5%, with interest reimbursements equalling a maximum of 6%.

In support of the grain industry, $250,000 was provided for start up assistance of the Alberta Feed Barley Futures Market. Trading of barley futures contracts is provided through cooperation of the Winnipeg Commodity Exchange and the Alberta Stock Exchange.

The Farming for the Future Research Program implemented in 1979, was designed to help improve the long-term viability of Alberta's agricultural industry and net farm incomes in the province. In 1982-83, 141 projects were carried out at a cost of $5.7 million under the Research Program, with an additional $124,000 funded for 18 projects under the newly formed Graduate Student Research Support Program. To aid in the process of technology transfer, $168,000 was disbursed in 1982 for 52 on farm testing and demonstration programs.

Table 1
PRODUCTION AND GROSS FARM VALUE OF AGRICULTURAL PRODUCTS

	Production		Value Per Unit		Total Value	
	1981	1982	1981	1982[p]	1981	1982[p]
	- tonnes -		- dollars -		- dollars -	
Field Crops:						
Wheat	6 221 000	6 137 000	185.60	162.00	1,154,618,000	994,194,000
Oats for grain	1 249 000	1 403 000	103.10	77.80	128,772,000	109,153,000
Barley for grain	6 967 000	6 684 000	124.50	98.80	867,392,000	660,379,000
Rye	320 000	241 300	143.30	92.50	45,856,000	22,320,000
Mixed grains	163 300	163 300	126.40	93.60	20,641,000	15,285,000
Flaxseed	55 900	76 200	306.70	246.00	17,144,000	18,745,000
Canola/Rapeseed	759 800	929 900	274.20	284.40	208,337,000	264,464,000
Mustard seed	24 500	27 200	330.70	286.60	8,102,000	7,796,000
Potatoes	172 400	191 900	119.00	106.90	20,516,000	20,514,000
Sugar beets	714 800	469 000	43.20	35.00	30,879,000	16,415,000
Tame hay	6 078 100	5 533 800	69.00	77.20	419,389,000	427,209,000
Other Field Crops					83,024,000	76,154,000
Total Field Crops					3,004,670,000	2,632,628,000
Livestock and Livestock Products:						
Cattle and Calves					1,076,526,000	977,719,000
Hogs					202,512,000	217,805,000
Sheep and Lambs					5,382,000	5,517,000
Total Livestock					1,284,420,000	1,201,041,000
Dairy					201,000,000	226,000,000
Poultry and Eggs					116,677,000	117,675,000
Honey					15,084,000	11,421,000
Other Livestock and Products					1,960,000	1,959,000
Total Livestock and Products					1,619,141,000	1,558,096,000

[p] preliminary

TABLE OF CONTENTS

PREFACE i

TABLE OF CONTENTS iii

MAP 1

1982 IN REVIEW 1

- Agricultural Production Value 5
- Source of Farm Income 6
- Cash Receipts 7
- Net Income 8
- Income in Kind 8
- Operating Expenses 9
- Farm Input Prices 10
- Farm Wages 11
- Farm Capital 12
- Food Industry. 13
- Retail Food Prices 15

FIELD CROPS 16

- Irrigation 18
- Irrigated Crop Acres 19
- Production and Shipments 20
- Seed Cleaning 21
- Rates of Seeding 21
- Fertilizer Sales 21
- Area Intentions 22
- Crop Insurance 22
- Area, Yield and Production 23
- Summerfallow and Stubble 27
- Grain Quality 28
- Precipitation 29
- Payments 30
- Prices 32
- Non-Board Prices 34
- Supplies on Farms 35
- Stocks on Farms 35
- Forage Seed 36
- Processed Alfalfa Production 36
- Tame Hay 37
- Fodder Corn 37
- Dry Bean Production 37
- Sugar Beet Industry 37
- Vegetables 37

LIVESTOCK 38

CATTLE

- Shipments out of Province 40
- Insemination 41
- Number on Farms 42
- Marketings 44
- Prices 46

HOGS

Number on Farms 53
Marketings 54
Prices 56
Carcasses Inspected 57

SHEEP

Number on Farms 58
Prices 59
Marketings 60

Livestock Numbers 61

Meat Consumption 62

DAIRY 63

Dairy Producer Registration 63
Milk Production 64
Value of Factory Dairy Products 65

POULTRY AND EGGS 66

Egg Prices 66
Hatcheries 67
Production and Disposition 67
Eviscerated 68
Value of Poultry Meat 69
Egg Production 70

APICULTURE 72

Beekeepers 72
Honey Production 72
Honey Value 72

FUR FARMING 73

Licenses 73
Animals Retained 73
Animals Pelted 73
Animals Exported 73

CENSUS AND COMPARATIVE STATISTICS

Census 74
Comparative 77

METRIC CONVERSIONS 79

Field Crops in Metrics 80

SOURCES AND METHODS 84

1982 IN REVIEW

Lower grain and cattle prices, stable to lower prices for other crops and reduced marketings of the major grains with the exception of barley were characteristic of 1982. Nevertheless, Farm Cash Receipts in 1982 totalled $3,846 million, 0.4% lower than year ago levels. The major factors in sustaining provincial Cash Receipts at the 1981 level were from four sources; the C.W.B. Net Cash Advances and Deferments, Crop Insurance Payments, Cattle and Sheep Support Program and the Alberta Pork Producers Market Insurance Plan. C.W.B. Net Cash Advances and Deferments increased 243% or $66 million while Crop Insurance Payments rose 299% or $55 million. Payments made under the Cattle and Sheep Support Program of $141 million and $7 million from the Alberta Pork Producers Insurance Plan boosted livestock receipts to counterbalance the decline in crop receipts.

Farm Cash Receipts for Wheat dropped to $953 million, 18% below year ago levels. Reduced marketings falling 6% below the record set in 1981 partly accounted for this decline. Weak demand and burdensome world supplies pressured export marketings and prices as reflected in lower C.W.B. payments. In light of the marketing opportunities Alberta gained due to Saskatchewan's drought in 1981, marketings were still above average in 1982.

Farm Cash Receipts for Barley declined 2% to $455 million. Against stiff competition for barley exports, deliveries reached a record 3.7 million tonnes, an increase of 200 000 tonnes over 1981. Lower prices, however, countered the effect of record deliveries reducing realized cash receipts to below the 1981 level.

Canola Cash Receipts of $266 million were down 4% from $276 million in 1981. Due to low stocks and generally tight supplies, deliveries tapered off during the year resulting in a 14% decrease in

marketings. Deliveries to primary elevators increased from 1981 while deliveries to process elevators dropped. Overall, Canola prices were higher than in 1981, peaking in the first half and declining in the latter half.

Farm Cash Receipts to Alberta Sugar Beet producers fell 52% in 1982 to $18 million. This significant decrease was predominantly due to depressed sugar prices as a result of large world supplies. A drop in production relative to 1981 was also a contributing factor to declining receipts.

Cattle and Calves Farm Cash Receipts rose to $1,280 million, an increase of 8% from 1981. Without the injection of $141 million from the Cattle and Sheep Support Program, receipts from cattle and calves would have fallen 4%. While cow and heifer slaughter numbers and international and interprovincial exports were up, lower carcass weight and prices fell from 1981 levels thereby reducing income earned.

Farm Cash Receipts for Hogs in 1982 rose $10.7 million, 5% over year ago levels. During the first quarter of 1982, market prices fell below the Pork Producers Market Insurance Plan (P.P.M.I.P.) payment level and triggered payout of the $7.3 million payment. Despite lower total output of hogs in Alberta during 1982, the increase in Farm Cash Receipts is attributed to price gains made during the remainder of the year.

Dairy Receipts rose 12% to $226 million in 1982. Both fluid and industrial milk prices rose 4.5% and 4.3% respectively and shipments from fluid shippers rose 6.6%. Conversely, industrial and cream shipments declined 2% and 10%. As a result of reduced demand for butter and surplus skim milk powder, the Canadian Dairy Commission cutback Market Share Quota (M.S.Q.) and increasd M.S.Q. in-quota levies.

On a provincial basis, Total Farm Cash Receipts were maintained at near 1981 levels in 1982. By sector, however, crop receipts declined 6.7% to $1,963 million while livestock receipts amounted to $1,883 million, a 7% increase. Despite declining receipts, crop receipts exceeded livestock receipts for the second consecutive year, an event which has not occurred since 1974-75.

Total Operating Expenses rose by 3% in 1982 significantly lower than the 18% increase realized in 1981. This downturn in the increase of total expenses was the combined result of lower inflation and interest rates, deferred capital expenditure, lower feed grain prices and producers economizing on farm inputs. Of the $2,559 million in Operation Expenses in 1982, Interest on Indebtednss Payment continued to be the largest expenditure component at $480.5 million. Overall Interest on Indebtedness declined by 3.7% in 1982 as interest rates fell from unprecedented levels in 1981. The average annual prime rate declined 3.5 percentage points from 19.3 in 1981 to 15.8 in 1982.

The greatest increase in farm expenditures were for fuel and lubricants rising 23%. Total Machinery Expenses including fuel, lubricants and repairs increased to $594 million, a 15% change from year ago levels.

Fertilizer and Lime Expenses declined 4% in 1982 to $268.5 million. However, A.I.M.S (Alberta Input Monitoring System) reported prices for 34-0-0 and 11-51-0 rising 11.6% and 5.4% respectively. This would indicate cutbacks in fertilizer usage. A downturn in feed expenditures of 9% to $235 million was also evidenced, reflecting lower feed grain and hay prices.

Changes in Depreciation Charges on Buildings and Machinery reflect a) new purchases and construction b) revaluation of current stocks and c) deterioration

and obsolescence of machinery and structures. Machinery Depreciation Charges increased 6% to $572 million despite a decrease in machinery purchases. Adjusted to current market values, the value of existing machinery rose. This offset the effect of lower new machinery purchases and resulted in an overall increase in Depreciation Charges. Building Depreciation Charges in 1982 remained at the 1981 level of $126 million. Maintenance of this level of depreciation charges is attributed to completion of construction begun by producers in 1981, new building starts initiated on hog and dairy enterprises and a general increase in the current value of existing buildings as related to replacement cost indices.

Total Operating and Depreciation Charges increased by 3.5% to $3,257 million in 1982. As a percent of Farm Cash Receipts, Operating and Depreciation Charges comprised 84.7% in comparision to 81.5% in 1981. This increase on Operating Expenses and Depreciation Charges as a percent of Farm Cash Receipts narrows the cash margin required to meet financial commitments such as principal paydown on outstanding long term farm debt and living expenses.

Unlike the 22% gain in Realized Net Income in 1981, Realized Net Income fell 19% in 1982. Of the farming enterprises, livestock producers particularly hog producers were generally in a more favourable position, as hog prices were up and feed expenses down. Payments of $141 million under the Cattle and Sheep Support Program buoyed cattle and sheep cash receipts cushioning the impact on Realized Net Income.

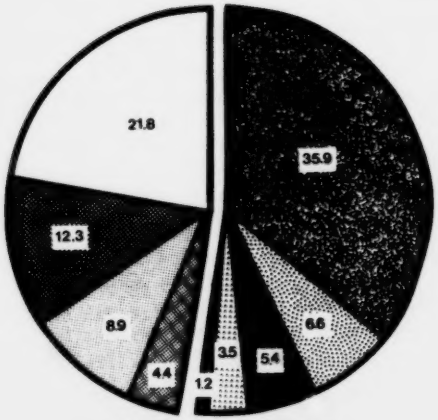
Total Net Farm Income dropped $274 million, 33% from 1981. Contributing to this decline was a decrease of $36.1 million in Realized Gross Income, an increase in Operating and Depreciation Charges of $109.2 million and Value of Inventory Changes of -$128.4 million. While total Value of Inventory Change was responsible for 47% of the decrease in Net Farm Income, from a cash position, it is the changes in Farm Cash Receipts and Operating and Depreciation Charges that affect producers cash flow. Realized Gross Income is a better indicator of farmers' cash position.

Canadian Wheat Board initial payments for 1981-82 basis Edmonton/Calgary (deductions made for elevation charges and removal of dockage) were as follows; No. 1 C.W. Red Spring $163.34/tonne, Barley No. 1 Feed $111.29. For 1982-83 initial payments are slightly lower set at $162.93, and $96.79. Estimated 1982 average farm crop values were $92.50 for rye, $246.00 flaxseed and $284.40 for rapeseed.

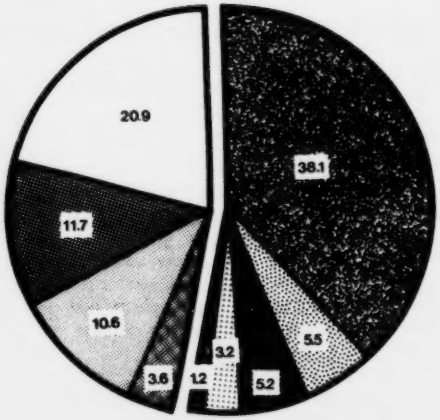
Overall, cattle prices were down in 1982 from 1981. Monthly prices for A1,2 steers in Calgary peaked at $84.45/cwt in May proceeding a continued downturn with prices falling to $66.47 in December. Slaughter cow prices in Edmonton followed a similar trend as D1,2 cows ranged from a high of $51.21 in May to $37.87 in December. Prices for feeder steers 600-700 pounds were lower than the same period in 1981 over the first half of the year but prices gained in the latter half to exceed 1981 levels. Prices for lambs 80 pounds and up were lower for the first three quarters. Price increases in the last quarter, however, raised the average annual price to $56.35/cwt down only 1% from 1981.

Hog prices, in contrast to cattle, averaged higher in 1982 than in 1981. Prices for Index 100 hogs in Edmonton rose from $62.36/cwt in January to $96.77 in September and tapered off to $79.98 in December. The average weighted price for the year was $82.23/cwt, an increase of 21% from 1981.

Statistics Canada's 1982 Consumer Price Index indicates prices in Alberta rose 11-12%. While prices for most farm inputs increased in 1982 from between 1% and 21%, a decrease in price was realized



1972 - 81 Average



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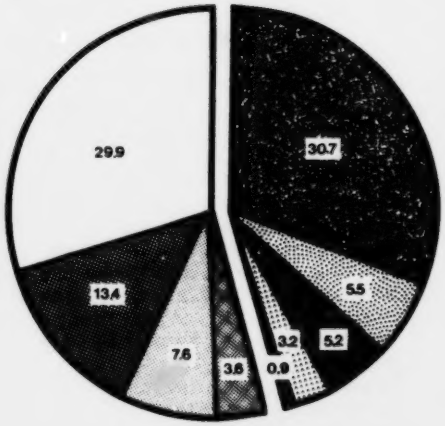

1981

Source of Farm Income (in %)

- Wheat
- Coarse Grains
- Oilseeds
- Other Field Crops
- Cattle and Calves
- Hogs
- Dairy
- Poultry and Eggs
- Other Livestock

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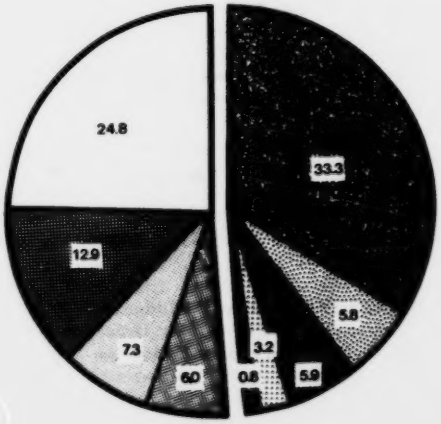


1982

Table 2
CASH RECEIPTS FROM THE SALE OF FARM PRODUCTS

	1981		1982[P]	
	$'000	% of Total	$'000	% of Total
Wheat	1,155,800	29.9	953,200	24.8
Oats	25,300	0.7	24,200	0.6
Barley	462,600	12.0	455,100	11.8
Western Grain Stabilization	0	0	0	0
Crop Insurance Payments	27,400	0.7	82,000	2.1
C.W.B. Net Cash Advance Payments	29,800	0.8	6,800	0.2
Deferred Grain Receipts	-56,800	-1.5	31,700	0.8
Rye	29,900	0.8	18,600	0.5
Flaxseed	16,000	0.4	13,800	0.4
Canola/Rapeseed	276,400	7.2	266,000	6.9
Sugar Beets	38,300	1.0	18,500	0.5
Potatoes	19,900	0.5	22,300	0.6
Vegetables	13,000	0.3	16,400	0.4
Floriculture and Nursery	22,700	0.6	23,400	0.6
Other Crops	40,400	1.0	28,700	0.7
Forest and Maple Products	2,500	0.1	2,500	0.1
Total Crops	2,103,200	54.5	1,963,200	51.0
Cattle and Calves	1,186,800	30.7	1,280,000	33.3
Hogs	210,900	5.5	221,600	5.8
Sheep and Lambs	4,500	0.1	5,300	0.1
Dairy Products	201,000	5.2	226,000	5.9
Poultry and Eggs	123,900	3.2	123,700	3.2
Other Livestock	29,200	0.7	26,200	0.7
Total Livestock and Products	1,756,300	45.4	1,882,800	49.0
Provincial Income Stabilization	2,600	0.1	0	0
Total Cash Receipts	3,862,100	100.0	3,846,000	100.0

[P] preliminary.

Note: Interim and final payments received through the Canadian Wheat Board on participation certificates (wheat, oats and barley) are included in the calendar year in which payments were received by farmers. Deficiency payments are included with products where applicable.

Table 3
NET INCOME OF FARM OPERATORS FROM FARMING OPERATIONS

	1981	1982[P]	% Change
	- thousand dollars -		
1. Total Cash Receipts	3,862,100	3,846,000	- 0.4
2. Income in Kind	36,200	37,700	+ 4.1
3. Other Supplementary Payments	21,500	0	-
4. Realized Gross Income (1 + 2 + 3)	3,919,800	3,883,700	- 0.9
5. Operating and Depreciation Charges	3,148,200	3,257,400	+ 3.5
6. Realized Net Income (4 - 5)	771,600	626,300	- 18.8
7. Value of Inventory Changes	66,000	-62,400	- 194.5
8. Total Gross Income (4 + 7)	3,985,800	3,821,300	- 4.1
9. Total Net Income (8 - 5)	837,600	563,900	- 32.7

Table 4
INCOME IN KIND

	1981	1982[P]	% Change
	- thousand dollars -		
Dairy Products	3,589	3,589	n.c.
Poultry and Eggs	2,990	3,110	+ 4.0
Meat	17,056	17,997	+ 5.5
Fruit and Vegetables	10,664	11,139	+ 4.4
Honey and Maple Products	79	74	- 6.3
Forest Products	1,862	1,811	- 2.7
Wool	9	9	n.c.
Total	36,249	37,729	+ 4.1

[P] preliminary

Table 5
FARM OPERATING EXPENSES AND DEPRECIATION CHARGES

	1981	1982[P]	% Change
	- thousand dollars -		
Taxes	40,100	43,400	+ 8.2
Gross Farm Rent	155,400	160,500	+ 3.3
Wages	164,500	182,300	+ 10.8
Interest	498,900	480,500	- 3.7
Fuel and Lubricants	254,800	314,900	+ 23.6
Machinery Repairs and Expenses	259,900	279,400	+ 7.5
Fertilizer and Lime	280,300	268,500	- 4.2
Other Crop Expenses	147,600	153,000	+ 3.7
Feed	260,000	235,600	- 9.4
Other Livestock Expenses	136,400	130,700	- 4.2
Repairs to Buildings	50,700	53,400	+ 5.3
Electricity and Telephone	52,400	62,300	+ 18.9
Miscellaneous	182,100	195,200	+ 7.2
Total Operating Expenses	2,483,100	2,559,700	+ 3.1
Depreciation Building and Machinery	665,100	697,700	+ 4.9
Total Expenses	3,148,200	3,257,400	+ 3.5

[P] preliminary

Table 6
1982 AVERAGE FARM INPUT PRICES

	Jan.-Mar.	April-June	July-Sept.	Oct.-Dec.	1982 Average
Lumber, 2X4, spruce M.	$ 302.00	$ 289.97	$ 291.40	$ 296.93	$ 295.08
Sheathing, Ply, 9.6 mm, 4X8 sht	10.09	9.51	9.03	9.13	9.44
Cement, 40 kg	7.35	7.78	8.09	8.19	7.85
Paint, barn, gal	18.23	19.10	19.69	20.08	19.28
Pipe Plastic, 3/4", 100' coil	19.30	19.97	19.71	20.14	19.78
Rods, Re-Enforcing 10M X 6mm	5.01	5.05	4.89	4.94	4.97
Barbed Wire, 12 gauge, dble. strd	49.83	51.26	50.37	50.84	50.58
Truck Tires, G78X15C, ea	69.80	69.75	71.72	70.95	70.56
Battery, 12v., 60/70 amp. ea	65.05	65.57	66.40	65.88	65.73
V Belt, 1/2"X70", ea	7.81	8.05	8.07	8.22	8.04
Antifreeze, 4 litres	8.40	8.40	8.35	7.92	8.27
Mechanical Repairs, per hour	27.58	28.50	28.85	29.13	28.52
Baler Twine, bale	26.30	26.82	26.71	26.67	26.63
Farm Labour, per month	1,021.47	1,027.06	1,065.39	1,069.60	1,045.88
Tractor, 100 h.p.	47,387.36	48,291.15	48,661.28	48,853.94	48,298.43
Tractor, 170 h.p.	75,580.54	77,211.01	77,636.30	77,046.34	76,868.55
Combine, Self-Propelled	79,135.04	82,165.42	82,073.03	81,419.35	81,198.21
Cultivator,hvy., 20'/up	8,671.82	8,810.25	8,706.88	8,865.92	8,763.72
Baler, Pull Type	9,833.34	10,220.09	10,358.34	10,464.49	10,225.82
Double Disc, light 14'/up	7,498.76	7,880.08	7,812.86	7,972.91	7,791.15
Truck, 1/2t., Ford/Chev	9,375.36	9,547.90	9,501.42	9,514.22	9,484.73
Calf Starter Supp., (20-24%), 25 kg	8.02	8.06	8.19	8.13	8.10
Dairy Supp., (32%), 25 kg	7.72	7.94	7.91	7.90	7.87
Hog Concentrate, (40%), 25 kg	10.91	10.95	11.17	11.03	11.02
Poultry Concentrate, (34%) 25 kg	10.41	10.57	10.81	10.72	10.63
Cattle Mineral, 25 kg	16.46	16.77	16.86	16.76	16.75
Feed Barley, No. 1, bu	2.40	2.40	2.27	1.98	2.26
Hay, baled, tonne	68.12	71.46	72.48	72.76	71.21
Fertilizer, 34-0-0, tonne	250.99	255.90	248.89	241.30	249.27
Fertilizer, 11-51-0, tonne	425.29	427.45	413.90	393.98	415.16
2,4-D, Low Volatile, 20 litre	73.10	70.34	68.86	68.37	70.17
Avadex BW, liquid, 5 gal	150.43	152.40	152.25	154.12	152.30
Penicillin, 100 cc	5.49	5.51	5.52	5.46	5.50
Vitamin A D E, 100 cc	5.19	5.18	5.16	5.13	5.17
Tetracycline, lb	6.68	6.95	7.08	7.15	6.97
Seed, Wheat, 100 kg	32.42	32.07	31.37	30.46	31.58
Seed, Barley, 100 kg	29.00	29.20	28.34	27.67	28.55
Purple Gasoline, litre	27.80	26.87	26.18	27.84	27.17
Diesel Fuel, litre	27.41	26.49	25.85	27.46	26.80
Propane, litre	17.18	16.90	17.91	20.06	18.01
Natural Gas, Gj	2.56	2.84	2.88	3.00	2.82

* cents per litre

Table 7
FARM WAGES

	Per Day		Per Month	
	1981	1982	1981	1982
	- dollars -			
With Board:				
February 15	32.99	35.74	759.00	792.00
May 15	33.06	35.74	774.00	802.00
August 15	33.62	35.74	778.00	802.00
November 15	34.63	36.38	782.00	809.00
Without Board:				
February 15	41.17	44.62	886.00	962.00
May 15	41.99	44.62	898.00	975.00
August 15	42.70	45.29	914.00	999.00
November 15	44.62	45.38	934.00	1,003.00

Table 8
FARM CAPITAL

	Land and Buildings	Livestock and Poultry	Implements and Machinery	Total
		- thousand dollars -		
1961	1,715,367	452,920	550,876	2,719,163
1962	1,820,027	457,967	573,655	2,861,649
1963	1,994,843	495,326	604,641	3,094,810
1964	2,238,665	528,000	654,530	3,421,195
1965	2,587,147	504,916	713,757	3,805,820
1966	2,865,472	567,192	785,032	4,217,696
1967	3,206,599	604,245	843,354	4,654,198
1968	3,479,502	579,155	901,989	4,960,646
1969	3,409,912	746,291	934,211	5,090,414
1970	3,240,849	797,276	956,970	4,995,095
1971	3,530,252	803,855	867,446	5,201,553
1972	4,143,591	1,016,172	905,851	6,065,614
1973	5,181,261	1,380,491	986,590	7,548,342
1974	6,975,770	1,366,308	1,275,851	9,617,929
1975	8,957,880	1,024,330	1,726,808	11,709,018
1976	10,627,528	1,125,454	2,110,053	13,863,035
1977	12,523,091	1,099,894	2,430,618	16,053,603
1978	14,942,972	1,710,604	2,791,088	19,444,664
1979	21,172,490	2,478,357	3,297,240	26,948,087
1980	27,137,589	2,551,751	3,842,797	33,532,137
1981	29,961,159	2,531,865	4,362,215	36,855,239
1982[P]	30,260,771	2,523,719	4,614,416	37,398,906

[P] preliminary

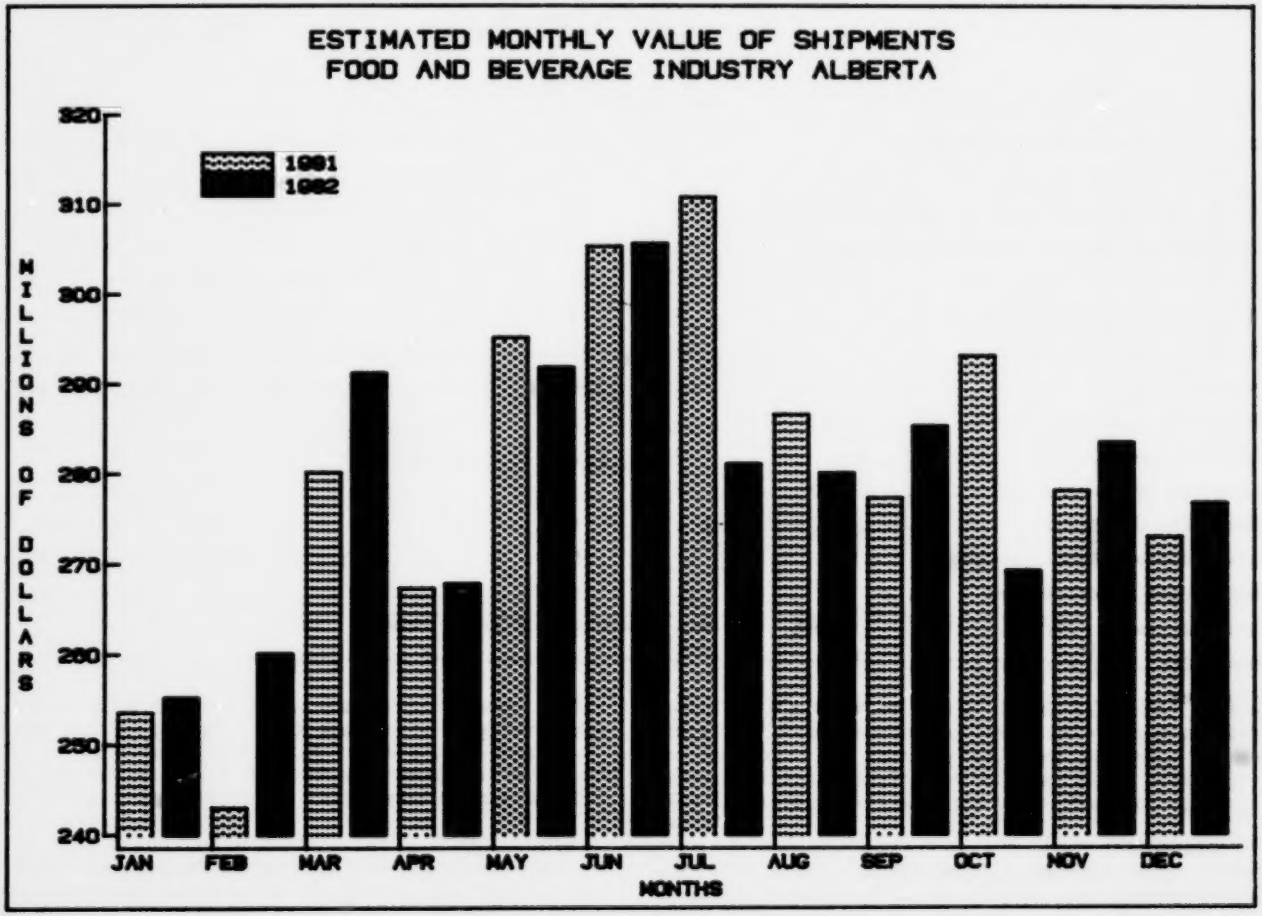
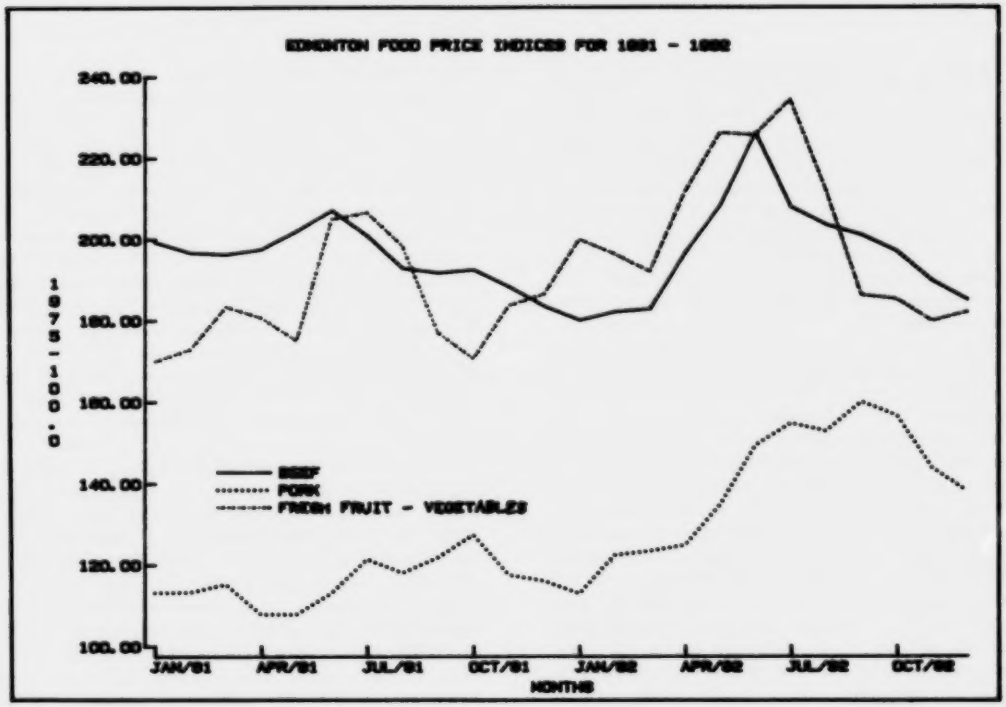

ESTIMATED MONTHLY VALUE OF SHIPMENTS
FOOD AND BEVERAGE INDUSTRY ALBERTA
1981
1982
MILLIONS OF DOLLARS
320
310
300
290
280
270
260
250
240
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
MONTHS

Table 9
FOOD AND BEVERAGE INDUSTRY

	Establishments			Value of Shipments		
	1979	1980	1981[p]	1979	1980	1981[p]
	- number -			- $'000 -		
Slaughtering and Meat Packing	68	72	64	1,609,872	1,565,983	1,816,153
Poultry Processors	5	5	5	74,064	85,175	99,335
Fruit and Vegetable Canners and Preservers.	3	3	5	*	*	21,580
Frozen Fruit and Vegetable Processors	3	2	2	*	*	*
Dairy Products.	45	38	34	250,591	305,811	346,522
Flour and Breakfast Cereals	6	5	5	77,125	81,137	107,919
Feeds	75	77	72	186,208	232,576	266,753
Bakeries	164	139	130	77,908	90,459	102,021
Biscuits.	1	1	1	*	*	*
Confectionery	3	2	2	*	*	*
Cane and Beet Sugar	1	1	1	*	*	*
Vegetable Oil Mills	4	4	5	*	*	*
Miscellaneous Food Processors, n.e.s.	17	20	26	119,578	134,432	157,081
Soft Drink Manufacturers.	15	15	14	62,358	91,680	108,851
Distilleries.	3	3	3	*	*	*
Breweries	5	5	5	65,500	51,907	122,211
Wineries	2	2	3	*	*	*
Total	420	394	377	2,824,697	3,025,462	3,363,247

* confidential
n.e.s. - not elsewhere specified
[p] preliminary



Prices of 60 food items are monitored each week at the stores of major food chains in Edmonton and Calgary. The price are weighted to account for the estimated market share held by each chain as well as the relative importance of each item in the total food at home budget.

The retail price index for beef declined during 1981, then rose sharply in the spring and summer of 1982 only to drop back to a level slightly below that of January 1981.

The retail pork price index increased during the first three quarters of 1981, but dropped back to the January 1981 level by December of 1981. Since January of 1982 til October of that year there was a dramatic rise, but the index began dropping again in late fall.

The fresh fruit and vegetable price index showed a seasonal fluctuation for both summers with the rise in 1982 well above that for 1981. The two year period closed with the index only 10 to 12 points above that for January of 1981.

FIELD CROPS

Soil moisture was a major concern for many producers as the 1981-82 winter approached. A very mild and dry fall depleted soil moisture conditions. Fortunately there was enough snow in the winter to replenish surface soil moisture in most districts. Abundant snow cover also minimized winterkill in fall seeded crops and legumes. A late winter and cool spring caused producers to delay seeding until soil temperatures warmed up.

Provincially, seeding operations started early in May and continued until mid June. Areas in the Southern Region were nearly finished seeding by the end of May when rain and wind storms delayed further progress. Wind damage in the Picture Butte, Coaldale and Taber areas was so severe that over three thousand acres of sugar beets had to be reseeded. Late May snow storms along Alberta's southeastern border delayed seeding progress and placed stress on cattle herds. Northern regions were slightly later in their seeding operations due to wet fields and cold soil temperatures. Timely rain throughout the Northeast, Central and Southern Regions early in June improved crop prospects and prompted uniform germination. Northern areas received little or no precipitation at this time causing slow hay and pasture growth as well as uneven crop germination. Flea beetles were reported throughout Alberta with some canola being reseeded due to flea beetle damage. Grasshoppers and cutworms were also causing problems in northern areas. Many producers found it necessary to instigate control measures to minimize insect damage. Livestock producers along the Athabasca River were concerned over black fly infestations.

A good general rain throughout Alberta early in July improved crop prospects for all areas. Unfortunately, the least rain fell in the Peace River Region which was experiencing extreme drought conditions. Producers in this northern region found the rain came too late to improve crop yields but the rain did improve hay crops and pastures. Later in July, central and southern Alberta had many hail storms accompanied by winds and heavy rains. Hail storms caused variable amounts of damage in those parts of Alberta south of Camrose. Areas west of Highway #2 from Innisfail to Wetaskiwin suffered lodging and erosion from wind and rain. Frequent July showers or rain storms slowed haying progress throughout Alberta. Reduced quality in first cuts of hay resulted from swathed hay being rained on or hay being overmature when swathed.

Crop prospects continued to be good as favourable growing conditions prevailed through the first part of August. Swathing of fall seeded crops started early in August while most spring seeded crops were headed out and filling. By late August southern areas had their fall seeded crops harvested. Soil moisture levels were low but most districts reported adequate moisture for proper filling of crops. A frost on August 25th damaged crops in the Peace River Region as well as parts of the Northwest and Northeast Regions. Yields, grades and bushel weights of most crops were reduced, especially in late crops in the affected areas. The frost also stopped all the second growth that was appearing in these northern districts. By the end of August swathing of the spring seeded crops was just starting throughout Alberta and the need for warm, dry harvest weather was increasing.

Cool, damp weather during the first half of September and the September 12th frost slowed harvest progress and further reduced crop quality. Fortunately, warm, sunny weather during the latter part of September allowed producers to make significant progress. By the end of September over 90% of Alberta's crops had been swathed and

about 70% threshed. Potato harvesting and corn silaging in southern districts was virtually finished at this time.

Cool temperatures and frequent, heavy frosts slowed harvest progress through October. Although only 30% of the provincial acreage remained in swaths, it took most of October to harvest. Much of the grain harvested had to be artificially dried. Potato and sugar beet harvests were completed by late October. When snow in early November halted harvest for this year, less than 1% of all Alberta's crops had to be combined. This unharvested acreage was in the Peace River Region. Because of the unfavourable weather during September and October harvest was later than usual.

Although many Alberta producers contended with a cool spring, drought and an early frost, yields of nearly all crops were above average. All six major grains easily surpassed previous long term average yields. The oat yield of 1 000 kg/acre (65.0 bu/acre) set a new record. Total production of the principal grains and oilseeds in 1982 was 15.47 million tonnes. This was only slightly less than the 1981 record production of 15.57 million tonnes.

Although production in 1982 was almost as much as in 1981, the quality of the crop was considerably lower. Grades were as low or lower than the weather damaged crops of 1980, 1978 and 1977. Frost damage in August contributed to lower grades as did cool, damp weather during harvest. Second growth in many fields increased drying time and caused a higher count of green seeds. Most specialty crops were harvested in good condition.

The 1982 Statistics Canada estimates of the average yields per acre of the principal grains and oilseeds (with the previous five-year average in brackets) are as follows - IN KILOGRAMS PER ACRE - wheat 895 (825), oats 1 000 (905), barley 1 080 (1 035), rye 805 (825), flaxseed 510 (470), canola/rapeseed 505 (475). IN BUSHELS PER ACRE - wheat 32.9 (30.4), oats 65.0 (58.7), barley 49.5 (47.6), rye 31.7 (32.4), flaxseed 20.0 (18.6), canola/rapeseed 22.2 (21.0).

INSECTS AND DISEASES

Early in June, forest tent caterpillars infected trees and shelterbelts throughout most of the Northeast, Northwest and Peace River Regions. Localized flea beetle damage to canola fields was reported throughout Alberta by mid June. As warmer July temperatures arrived so did grasshopper and cutworm infestations in the northern districts. Infestations of grasshoppers were high enough to justify spraying in many instances. By late July improved moisture levels slowed the insect numbers until Bertha armyworm infestations developed in mid August. Spraying for Bertha armyworms occurred between Barrhead and Stony Plain as well as from Fairview to Falher. In the fall, grasshoppers were evident in some fall seeded crops in the Southern Region.

Disease problems were relatively minor this year. Sclerotinia and root rot in localized canola fields was reported. Damage was minimal in most instances. Wheat rust caused some yield reductions in the Lac La Biche area.

HAIL AND WEATHER DAMAGE

Weather related crop losses in Alberta were substantially above normal in 1982. According to the Alberta Hail and Crop Insurance Corporation, claims made by Alberta farmers up to December totalled over seventy five million dollars ($75,000,000). This is significantly more than the 1981 pay out of thirty three million dollars

($33,000,000). The main causes of damage were hail storms in southern and central districts, drought in northern districts and frost on August 25th.

Hail insurance claims were the largest single component with over fifty million dollars ($50,000,000) paid out in total. Areas hit by the most severe hail storms were in central Alberta around Penhold, and southern districts around Vulcan and Lethbridge.

IRRIGATION

The irrigation of field crops is a vital aspect of agriculture in Alberta and is responsible for the stability of the economy in Southern Alberta. Approximately two-thirds of Canada's total irrigated land is in this province and this percentage is expected to increase with the expansion of the irrigation networks. Irrigation water is utilized on about 5,300 farms in the production of wide varieties of crops.

Irrigation is mainly concentrated in the southern region of Alberta with most of the water being supplied by the Bow, Oldman and St. Mary Rivers. In 1982, the thirteen irrigation districts had over one million acres of irrigable land with water actually applied to 903,000 acres.

Cereal grains and hay are the most common crops grown on irrigated land and accounted for over 70% of the irrigated acreage. All of the sugar beets and about 85% of the total acreage of commercial potatoes and vegetables are irrigated.

Table 10
IRRIGATION BY DISTRICT, 1982

District	Acres Irrigable*	Actually Irrigated
Aetna	3,096	1,200
Bow River	179,679	152,144
Eastern	240,222	216,620
Leavitt	4,423	3,000
Lethbridge Northern	116,792	104,333
Magrath	11,647	8,500
Mountain View	3,710	3,154
Raymond	38,655	25,169
Ross Creek	1,776	650
St. Mary River	303,490	268,916
Taber	71,509	67,305
United	34,058	10,054
Western	83,064	41,996

* Permanent and Terminable Acres

Table 11
CROP ACRES IN THE MAJOR IRRIGATION DISTRICTS[1]

	1979	1980	1981	1982
			- acres -	
Total Grains[2]	411,841	421,450	446,143	475,304
Total Oilseeds[3]	82,168	51,208	30,809	38,349
Total Hay[4]	175,623	174,943	167,676	165,805
Total Tame Pasture	73,810	65,197	53,105	50,793
Total Other Fodder[5]	33,015	29,019	37,248	23,507
Total Sugar Beets	32,474	33,662	35,484	31,475
Total Potatoes	11,396	9,662	11,153	13,329
Total Other Specialty Crops[6]	55,888	75,388	48,552	60,593
Total Crops Irrigated	876,215	860,529	830,170	859,155
Total Summerfallow	13,809	14,406	8,769	8,462
Total Irrigated Cropland	890,024	874,935	838,939	867,617

[1] Does not include data for the Irrigation Districts of Aetna, Leavitt, Mountain View, Ross Creek and in 1981 and 1982 data was not available from the Western Irrigation District.

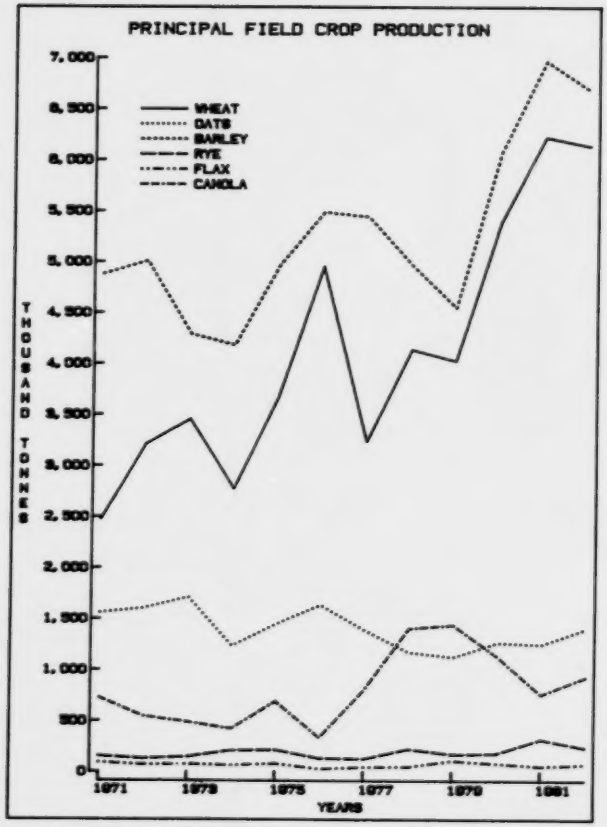
[2] Wheat, oats, barley, mixed grain and rye.

[3] Flaxseed, canola/rapeseed, sunflowers and mustard.

[4] Alfalfa hay and sweet clover hay.

[5] Greenfeed, silage corn, silage and grass hay.

[6] Peas, canning corn, timothy, brome grass, alfalfa seed, sweet clover seed, small seeds and misc. crops.


PRINCIPAL FIELD CROP PRODUCTION
7,000
6,500
6,000
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
THOUSAND TONNES
WHEAT
OATS
BARLEY
RYE
FLAX
CANOLA
1971
1973
1975
1977
1979
1981
YEARS

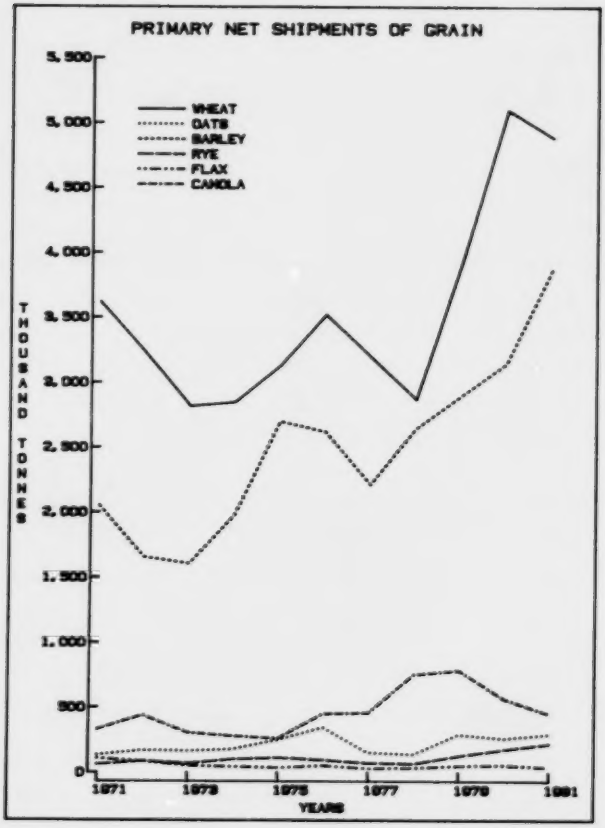

PRIMARY NET SHIPMENTS OF GRAIN
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
THOUSAND TONNES
WHEAT
OATS
BARLEY
RYE
FLAX
CANOLA
1971
1973
1975
1977
1979
1981
YEARS

Table 12
MUNICIPAL CO-OPERATIVE SEED CLEANING

	1980-81	1981-82
	- bushels -	
Commercial Seed	25,162,912	27,888,504
Pedigree Seed	891,115	1,088,738
Total Seed	26,054,027	28,977,242
Dockage Removed	2,788,489	2,147,773
Total Cleaning	28,842,516	31,125,015
Average Per Plant	379,507	409,540
Treated Seed	2,672,439	2,609,760

Table 13
AVERAGE SEEDING RATES PER ACRE

	1979	1980	1981	1982
		- kilograms -		
Spring Wheat	38	38	38	38
Oats	34	34	34	34
Barley	37	37	37	37
Spring Rye	28	28	28	28
Flaxseed	15	15	15	15
Canola/Rapeseed	3	3	3	3

Table 14
FERTILIZER SALES

	1981	1982
	- tonnes -	
82-0-0 (Anhy. Amm.)	158 601	158 894
34-0-0 (Amm. No_3)	108 583	90 376
46-0-0 (Urea)	157 311	161 780
21-0-0 (Amm. SO_4)	20 943	16 838
28-0-0 (N. Soln.)	23 041	28 607
23-23-0	40 647	38 900
27-14-0	12 625	12 095
Urea Phosphates	10 315	8 638
11-48-0	90 339	(
11-51-0	89 913	(251 058
11-55-0	74 360	(
Other MAP	-	(
18-46-0	659	-
16-20-0	19 685	19 602
10-34-0 (Soln.)	1 837	6 496
0-0-60 (KCI)	22 426	24 687
Others	17 156	19 593
Mixed (N/P/K)	10 792	8 239
Total	859 233	845 803
Nutrients:		
Nitrogen	302 154	299 360
Phosphate	154 623	148 418
Potash	14 732	16 244

Table 15
FERTILIZER USE

A.R.A.	1981	1982
	- '000 tonnes -	
1	25	30
2	162	139
3	120	118
4A	89	100
4B	115	113
5	149	141
6	87	88
7	112	117
Province	859	846

Table 16
INTENDED AND SEEDED AREAS OF PRINCIPAL FIELD CROPS

	1981		1982	
	Intended	Seeded	Intended	Seeded
	- thousand acres -			
All Wheat	6,300	6,700	6,900	6,850
Durum Wheat	400	500	450	450
Oats[1]	2,000	1,800	2,000	1,800
Barley[1]	6,300	6,550	6,450	6,450
Rye	325	300	325	300
Flaxseed	120	100	100	150
Canola/Rapeseed	1,500	1,450	1,600	1,850
Mixed Grain	150	150	175	150
Summerfallow	5,500	5,500	5,000	5,250

[1] Includes oats and barley for grain and for hay.

NOTE: Intentions at March 15.

Table 17
HAIL AND CROP INSURANCE

	No. of Farmers Insured	Acres Insured	Premium Paid by Farmers*	Total Liability	Indemnities
		'000	$'000	$'000	$'000
1967	9,892	2,271	1,930	36,857	1,200
1968	15,763	3,910	3,449	63,950	5,508
1969	16,201	3,561	3,135	57,105	6,298
1970	12,856	2,306	2,102	31,941	1,699
1971	11,323	2,429	2,173	33,310	2,410
1972	10,202	2,314	2,146	37,073	2,119
1973	12,296	3,201	3,995	73,399	6,436
1974	13,883	3,838	7,229	125,863	13,806
1975	18,685	5,113	13,699	215,976	18,320
1976	18,580	5,343	15,274	229,289	16,500
1977	20,878	6,301	18,476	279,520	38,130
1978	19,258	5,908	18,222	259,967	22,686
1979	18,253	5,882	19,636	280,471	26,846
1980	18,862	6,640	26,718	381,048	32,026
1981	18,638	7,009	32,584	438,148	26,790
1982[p]	18,269	7,209	35,245	547,658	59,000

p preliminary

* Includes Provincial high risk subsidies.

Table 18
AREA, YIELD AND PRODUCTION OF PRINCIPAL FIELD CROPS

Census Division	Area		Yield Per Acre		Production	
	1981	1982	1981	1982	1981	1982
	- acres -		- kilograms -		- tonnes -	
			ALL WHEAT			
1	637,000	620,000	905	860	576 000	532 000
2	888,000	909,000	1 180	1 005	1 046 000	913 000
3	318,000	343,000	1 080	820	344 000	282 000
4	631,000	613,000	670	735	422 000	451 000
5	1,043,000	1,075,000	1 115	965	1 164 000	1 035 000
6 & 9	234,000	272,000	1 160	1 085	272 000	295 000
7	952,000	986,000	725	975	692 000	961 000
8	74,000	78,000	1 160	1 130	86 000	88 000
10	870,000	803,000	820	935	714 000	749 000
11	140,000	134,000	1 095	995	153 000	133 000
12	103,000	110,000	865	845	89 000	93 000
13) 14)	117,000	137,000	1 050	900	123 000	123 000
15	693,000	770,000	780	625	540 000	482 000
Province	6,700,000	6,850,000	930	895	6 221 000	6 137 000
			OATS FOR GRAIN			
1	16,000	21,000	875	905	14 000	19 000
2	26,000	23,000	1 230	1 085	32 000	25 000
3	34,000	42,000	1 030	835	35 000	35 000
4	62,000	102,000	695	765	43 000	78 000
5	44,000	41,000	1 160	1 025	51 000	42 000
6 & 9	70,000	94,000	1 230	1 140	86 000	107 000

Census Division	Area		Yield Per Acre		Production	
	1981	1982	1981	1982	1981	1982
	- acres -		- kilograms -		- tonnes -	
		OATS FOR GRAIN (cont'd.)				
7	151,000	196,000	760	1 065	115 000	209 000
8	75,000	85,000	1 215	1 080	91 000	92 000
10	258,000	251,000	870	1 060	224 000	266 000
11	151,000	142,000	1 140	1 135	172 000	161 000
12	102,000	132,000	940	925	96 000	122 000
13) 14) 15	149,000	136,000	1 130	1 045	168 000	142 000
	162,000	135,000	755	780	122 000	105 000
Province	1,300,000	1,400,000	960	1 000	1 249 000	1 403 000
		BARLEY FOR GRAIN				
1	58,000	53,000	1 120	1 115	65 000	59 000
2	348,000	324,000	1 460	1 300	508 000	422 000
3	437,000	449,000	1 235	990	540 000	445 000
4	39,000	34,000	820	940	32 000	32 000
5	485,000	426,000	1 340	1 205	651 000	513 000
6 & 9	648,000	615,000	1 280	1 240	831 000	764 000
7	408,000	334,000	845	1 200	344 000	401 000
8	771,000	750,000	1 225	1 120	943 000	839 000
10	799,000	710,000	940	1 195	752 000	850 000
11	582,000	574,000	1 140	1 170	663 000	671 000
12	254,000	270,000	995	1 045	253 000	282 000
13) 14) 15	512,000	517,000	1 080	1 045	554 000	541 000
	1,109,000	1,144,000	750	755	831 000	865 000
Province	6,450,000	6,200,000	1 080	1 080	6 967 000	6 684 000

A.R.A.	Area		Yield Per Acre		Production	
	1981	1982	1981	1982	1981	1982
	- acres -		- kilograms -		- tonnes -	
			FLAXSEED			
1	12,400	16,500	620	550	7 700	9 100
2	45,900	75,000	655	555	30 100	41 700
3	6,100	8,900	625	470	3 800	4 200
4A	11,000	16,000	455	555	5 000	8 900
4B	5,100	7,400	430	460	2 200	3 400
5	1,700	2,500	530	560	900	1 400
6	3,200	4,700	500	470	1 600	2 200
7	14,600	19,000	315	280	4 600	5 300
Province	100,000	150,000	560	505	55 900	76 200
			CANOLA / RAPESEED			
1	5,400	7,100	555	520	3 000	3 700
2	112,700	131,600	680	585	80 600	77 900
3	83,600	114,500	680	585	56 700	67 100
4A	223,200	284,500	550	630	122 800	178 700
4B	335,600	428,900	555	535	185 700	229 100
5	135,800	248,200	620	535	84 000	132 200
6	84,900	108,000	520	445	44 000	48 100
7	468,800	527,200	390	365	183 000	193 100
Province	1,450,000	1,850,000	525	505	759 800	929 900
			FALL RYE			
1-3	212,600	192,500	1 135	845	241 300	162 700
4A-6	31,700	41,900	750	780	23 800	32 600
7	5,700	5,600	720	500	4 100	2 800
Province	250,000	240,000	1 075	825	269 200	198 100

A.R.A.	Area		Yield Per Acre		Production	
	1981	1982	1981	1982	1981	1982
	- acres -		- kilograms -		- tonnes -	
SPRING RYE						
1-3	21,800	26,400	1 005	655	21 900	17 300
4A-6	27,500	32,700	1 025	770	28 200	25 200
7	700	900	1 000	780	700	700
Province	50,000	60,000	1 015	720	50 800	43 200
ALL RYE						
1-3	234,400	218,900	1 125	820	263 200	180 000
4A-6	59,200	74,600	880	775	52 000	57 800
7	6,400	6,500	750	540	4 800	3 500
Province	300,000	300,000	1 065	805	320 000	241 300
TAME HAY						
1	165,400	154,200	1 630	1 665	269 700	256 700
2	285,800	282,000	2 780	2 460	795 100	694 400
3	425,700	416,800	2 110	1 535	897 400	640 500
4A	166,800	168,000	965	1 400	160 700	235 400
4B	208,100	204,700	1 285	1 460	267 800	298 500
5	851,900	845,200	2 055	1 810	1 750 500	1 531 000
6	825,400	865,100	1 540	1 495	1 272 800	1 292 400
7	570,900	564,000	1 165	1 035	664 100	584 900
Province	3,500,000	3,500,000	1 735	1 580	6 078 100	5 533 800
OTHER CROPS						
Winter Wheat	250,000	200,000	1 240	995	310 300	198 700
Durum Wheat	500,000	450,000	990	845	495 300	381 000
Mixed Grains	150,000	150,000	1 090	1 090	163 300	163 300
Corn for Grain	11,000	11,000	2 775	2 175	30 500	23 900
Peas, dry	8,000	13,000	1 190	1 170	9 500	15 200
Lentils	6,000	10,000	435	410	2 600	4 100
Mustard Seed	45,000	50,000	545	545	24 500	27 200
Potatoes	16,600	18,000	10 385	10 660	172 400	191 900
Sugar Beets	35,000	30,400	20 425	15 430	714 800	469 000
Fodder Corn	25,000	25,000	17 055	16 330	426 400	408 200

Table 19
SEEDED AREA AND PRODUCTION ON SUMMERFALLOW AND STUBBLE

	Seeded Area		Distribution		Average Yield Per Seeded Acre		Production	
	1981	1982	1981	1982	1981	1982	1981	1982
	- '000 acres -		- per cent -		- kilograms -		- '000 tonnes -	
WHEAT								
Summerfallow	3,816	3,473	57	51	1 000	960	3 823	3 339
Stubble	2,884	3,377	43	49	830	830	2 398	2 798
Total	6,700	6,850	100	100	930	895	6 221	6 137
OATS FOR GRAIN								
Summerfallow	370	320	28	23	1 060	1 075	392	344
Stubble	930	1,080	72	77	920	980	857	1 059
Total	1,300	1,400	100	100	960	1 000	1 249	1 403
BARLEY FOR GRAIN								
Summerfallow	1,013	826	16	13	1 255	1 215	1 269	1 002
Stubble	5,437	5,374	84	87	1 050	1 055	5 698	5 682
Total	6,450	6,200	100	100	1 080	1 080	6 967	6 684
FLAXSEED								
Summerfallow	60	75	60	50	600	545	36	41
Stubble	40	75	40	50	500	465	20	35
Total	100	150	100	100	560	505	56	76
CANOLA/RAPESEED								
Summerfallow	841	806	58	44	570	545	479	438
Stubble	609	1,044	42	56	460	470	281	492
Total	1,450	1,850	100	100	525	505	760	930

Table 20
SUMMERFALLOW AREA

Census Division	1981	1982
	- thousand acres -	
1	580	625
2	606	605
3	157	136
4	658	696
5	916	896
6 & 9	202	177
7	557	525
8	91	64
10	530	528
11	159	112
12	130	101
13) 14)	159	131
15	755	654
Province	5,500	5,250

Table 21
GRAIN QUALITY IN PERCENTAGES

WHEAT

	1 C.W. R.S.	2 C.W. R.S.	3 C.W. R.S.	No. 1&2 Canada Utility
1981	48	26	10	1
1982	19	21	24	2

	Canada Feed	Durum	Winter	Soft White Spring
1981	1	7	4	3
1982	15	12	4	3

BARLEY

	1-2 C.W. 6 Row	1-2 C.W. 2 Row	Feed Grades
1981	5	10	85
1982	1	6	93

CANOLA / RAPESEED

	No. 1 Canada	No. 2 Canada	No. 3 Canada	Sample
1981	94	5	1	-
1982	67	22	8	3

Table 22
PRECIPITATION RECORDED AT SELECTED ALBERTA STATIONS

Stations	April 1 - October 31 Incl. 1981	1982	Normal
		- millimetres -	
Medicine Hat	252.1	349.3	250.7
Brooks	301.9	312.4	233.4
Lethbridge	348.1	270.8	315.1
Pincher Creek	411.5	252.4	391.2
Calgary	446.3	346.0	341.7
Coronation	272.5	331.5	287.4
Red Deer	529.9	421.7	379.0
Vermilion	155.0	337.9	330.5
Edmonton	330.5	387.9	354.4
Whitecourt	355.9	434.2	414.7
Fort Mcmurray	300.3	285.9	345.9
Grande Prairie	189.6	378.3	302.6
Peace River	160.0	248.4	269.1

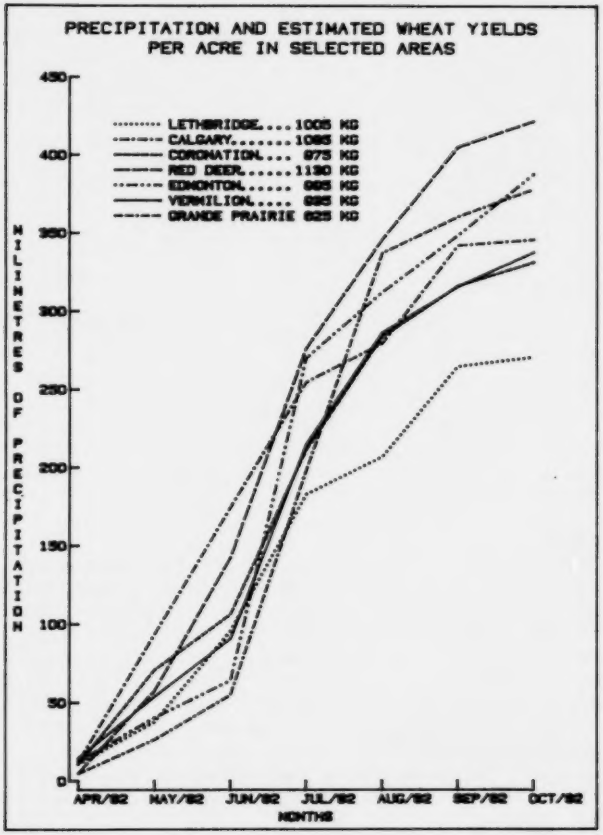


Table 23
WHEAT BOARD PAYMENTS, 1981-82

	Initial Payment	Final Payment	Realized Payment
	- dollars per tonne -		
WHEAT[1]			
No. 1 C.W. R.S.(13.5)	165.55	27.38	192.93
No. 1 C.W. R.S.	163.34	25.12	188.46
No. 2 C.W. R.S.	157.55	28.32	185.87
No. 3 C.W. R.S.	152.55	24.05	176.60
No. 1 C.U.	150.55	21.58	172.13
No. 2 C.U.	144.55	-	144.55
Canada Feed	134.55	-	134.55
No. 1 C.W. R.W.	152.55	30.44	182.99
No. 2 C.W. R.W.	149.55	31.44	180.99
No. 3 C.W. R.W.	143.55	34.44	177.99
No. 1 C.W. S.W.S.	152.55	31.63	184.18
No. 2 C.W. S.W.S.	149.55	33.63	183.18
No. 3 C.W. S.W.S.	143.55	35.63	179.18
No. 1 C.W. A.D.	163.34	25.84	189.18
No. 2 C.W. A.D.	160.55	23.63	184.18
No. 3 C.W. A.D.	158.55	19.50	178.05
OATS[2]			
No. 1 C.W.	101.32	-	101.32
No. 2 C.W.	99.32	-	99.32
Ex. No. 1 Feed	97.32	-	97.32
No. 1 Feed	95.32	-	95.32
No. 2 Feed	91.24	-	91.24
No. 3 Feed	88.24	-	88.24
DESIGNATED OATS[2]			
No. 1 C.W.	125.32	30.39	155.71
No. 2 C.W.	123.32	30.39	153.71
Ex. No. 1 Feed	121.32	25.89	147.21
No. 1 Feed	119.32	23.89	143.21
No. 2 Feed	115.32	25.89	141.21

	Initial Payment	Final Payment	Realized Payment
	- dollars per tonne -		
BARLEY[3]			
No. 1 C.W. 6-Row	114.22	7.64	121.86
No. 2 C.W. 6-Row	113.22	7.64	120.86
No. 1 C.W. 2-Row	114.22	7.64	121.86
No. 2 C.W. 2-Row	113.22	7.64	120.86
No. 1 Feed	111.29	7.07	118.36
No. 2 Feed	108.72	8.92	117.64
No. 3 Feed	103.72	10.14	113.86
DESIGNATED BARLEY[3]			
No. 1 C.W. 6-Row	146.56	27.52	174.08
No. 2 C.W. 6-Row	145.29	27.79	173.08
No. 1 C.W. 2-Row	146.56	27.52	174.08
No. 2 C.W. 2-Row	145.29	27.79	173.08
No. 1 Feed	142.06	28.02	170.08
No. 2 Feed	140.06	27.40	167.46
No. 3 Feed	137.06	28.44	165.50

1 Deductions include freight at $4.41 per tonne (20 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $5.75 per tonne and $1.00 per tonne for removal of dockage (Alberta Wheat Pool).

2 Deductions include freight at $4.41 per tonne (20 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $8.65 per tonne and $1.62 per tonne for removal of dockage (Alberta Wheat Pool).

3 Deductions include freight at $4.41 per tonne (20 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $7.15 per tonne and $1.15 per tonne for removal of dockage (Alberta Wheat Pool).

Table 24
WHEAT BOARD PAYMENTS, 1982-83

	Initial Payment $/tonne
WHEAT[1]	
No. 1 C.W. Red Spring (13.5)	165.14
No. 1 C.W. Red Spring	162.93
No. 2 C.W. Red Spring	157.14
No. 3 C.W. Red Spring	152.14
No. 1 Canada Utility	148.14
No. 2 Canada Utility	137.14
Canada Feed	134.14
No. 1 C.W. Red Winter	152.14
No. 2 C.W. Red Winter	149.14
No. 3 C.W. Red Winter	143.14
No. 1 C.W. Soft White Spring	152.14
No. 2 C.W. Soft White Spring	149.14
No. 3 C.W. Soft White Spring	143.14
No. 1 C.W. Amber Durum	162.93
No. 2 C.W. Amber Durum	160.14
No. 3 C.W. Amber Durum	158.14
OATS[2]	
No. 1 C.W.	80.74
No. 2 C.W.	78.74
Ex. No. 1 Feed	76.74
No. 1 Feed	74.74
No. 2 Feed	70.66
No. 3 Feed	67.66
DESIGNATED OATS[2]	
No. 1 C.W.	124.74
No. 2 C.W.	122.74
Ex. No. 1 Feed	120.74
No. 1 Feed	118.74
No. 2 Feed	114.74

	Initial Payment $/tonne
BARLEY[3]	
No. 1 C.W. 6-Row	99.72
No. 2 C.W. 6-Row	98.72
No. 1 C.W. 2-Row	99.72
No. 2 C.W. 2-Row	98.72
No. 1 Feed	96.79
No. 2 Feed	94.22
No. 3 Feed	89.22
DESIGNATED BARLEY[3]	
No. 1 C.W. 6-Row	146.06
No. 2 C.W. 6-Row	144.79
No. 1 C.W. 2-Row	146.06
No. 2 C.W. 2-Row	144.79
No. 1 Feed	141.56
No. 2 Feed	139.56
No. 3 Feed	136.56

1 Deductions include freight at $4.41 per tonne (20 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $6.10 per tonne and $1.06 per tonne for removal of dockage (Alberta Wheat Pool).

2 Deductions include freight at $4.41 per tonne (20 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $9.15 per tonne and $1.70 per tonne for removal of dockage (Alberta Wheat Pool).

3 Deductions include freight at $4.41 per tonne (20 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $7.60 per tonne and $1.20 per tonne for removal of dockage (Alberta Wheat Pool).

Table 25
AVERAGE MONTHLY CASH GRAIN PRICES, 1981-82

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Year
						- dollars per tonne -							
WHEAT - Canadian Wheat board Basis in Store Vancouver													
1 C.W. R.S. 13.5%	249.98	242.29	242.75	238.08	229.78	232.69	236.33	237.21	240.22	235.13	239.49	237.15	238.42
1 C.W. R.S. 12.5%	246.13	238.69	239.15	234.48	226.18	229.09	232.73	233.61	236.62	231.53	235.68	233.55	234.79
2 C.W. R.S. 13.5%	244.13	236.69	237.15	232.48	224.18	227.09	230.73	231.61	234.62	229.53	233.68	231.55	232.79
3 C.W. R.S. . . .	231.47	227.44	227.15	222.48	214.18	217.09	220.73	221.61	224.62	219.53	223.68	221.55	222.63
1 C.U.	233.03	227.44	227.15	222.48	214.18	217.09	220.73	221.61	224.62	219.53	223.68	221.55	222.76
2 C.U.	227.77	221.44	221.15	216.48	208.18	211.09	214.73	215.61	218.62	213.53	217.68	215.55	216.82
1 C.W. R.W. . . .	238.22	229.44	229.15	224.48	216.18	219.09	222.73	223.61	226.62	221.53	225.68	223.55	225.02
2 C.W. R.W. . . .	236.22	227.44	227.15	222.48	214.18	217.09	220.73	221.61	224.62	219.53	223.68	221.55	223.02
3 C.W. R.W. . . .	233.22	224.44	224.15	219.48	211.18	214.09	217.73	218.61	221.62	216.53	220.68	218.55	220.02
1 C.W. A.D. . . .	247.38	246.22	246.60	236.16	218.72	225.35	228.88	218.53	216.86	222.02	225.25	220.63	229.38
2 C.W. A.D. . . .	242.38	241.22	241.60	231.16	213.72	220.35	223.88	213.53	211.86	217.02	220.25	215.63	224.38
3 C.W. A.D. . . .	235.54	234.58	234.76	224.32	208.58	215.35	218.88	208.53	206.86	214.27	215.25	210.63	218.96
OATS - Domestic - Canadian Wheat Board Basis in Store Thunder Bay													
1 C.W.	177.50	177.50	177.50	191.75	193.10	187.50	177.50	173.90	172.50	172.50	172.50	166.25	178.33
2 C.W.	175.50	175.50	175.50	189.75	191.10	185.50	175.50	171.90	170.50	170.50	170.50	164.25	176.33
Ex. 1 Fd. . . .	169.00	169.00	169.00	183.25	184.60	179.00	169.00	165.40	164.00	164.00	164.00	157.75	169.83
1 Feed	126.93	113.87	107.40	101.98	102.07	107.64	107.24	104.30	110.92	113.01	114.35	111.10	110.07
2 Feed	123.93	110.87	104.40	98.98	99.07	104.64	104.24	101.30	107.92	110.01	111.15	108.10	107.05
3 Feed	121.93	108.87	102.40	96.98	96.97	102.64	102.24	99.30	105.92	108.01	109.15	106.10	105.04

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Year
						- dollars per tonne -							
	BARLEY - Canadian Wheat Board Basis in Store Thunder Bay												
Malting:													
1 C.W. 6-Row . .	182.50	192.80	194.00	194.00	189.40	189.00	189.00	183.24	181.00	181.00	177.00	176.00	185.74
2 C.W. 6-Row . .	181.50	191.80	193.00	193.00	188.40	188.00	188.00	182.24	180.00	180.00	176.00	175.00	184.74
1 C.W. 2-Row . .	182.50	192.80	194.00	194.00	189.40	189.00	189.00	183.24	181.00	181.00	177.00	176.00	185.74
2 C.W. 2-Row . .	181.50	191.80	193.00	193.00	188.40	188.00	188.00	182.24	180.00	180.00	176.00	175.00	171.72
Domestic:													
1 Feed	139.37	125.89	119.27	113.68	113.88	119.56	119.17	116.10	123.37	125.49	126.68	123.54	122.16
2 Feed	138.37	124.89	118.27	112.42	112.88	118.56	118.17	115.10	122.27	124.49	125.86	122.84	121.18
3 Feed	134.87	121.39	114.77	109.18	109.38	115.06	114.67	111.60	118.77	120.99	122.18	118.98	117.65
	RYE - Winnipeg Commodity Exchange Basis in Store Thunder Bay												
1 Canada	182.48	200.78	184.70	169.88	162.12	161.85	167.35	157.73	167.46	171.66	149.70	143.15	168.24
2 Canada	180.48	198.78	182.70	167.88	160.12	159.85	165.35	155.73	165.46	169.66	147.66	141.15	166.24
3 Canada	142.48	160.78	144.70	129.88	122.12	121.85	127.35	117.73	127.46	139.66	121.20	113.44	130.72
Ergoty	133.48	151.78	135.70	120.88	113.12	112.85	118.35	108.73	118.46	130.66	112.20	104.44	121.72
	FLAXSEED - Winnipeg Commodity Exchange Basis in Store Thunder Bay												
1 Canada	363.24	346.56	372.94	380.94	360.01	356.17	352.13	337.49	357.64	354.00	329.21	319.40	352.48
2 Canada	361.24	344.56	370.94	378.94	358.01	354.17	350.13	335.49	354.61	352.00	327.21	317.40	350.39
3 Canada	323.24	306.56	332.94	340.94	320.01	316.17	312.13	297.49	317.44	319.00	297.05	284.95	313.99
	CANOLA/RAPESEED - Winnipeg Commodity Exchange Basis in Store Vancouver												
1 Canada	328.24	327.26	336.82	329.34	321.41	328.50	331.44	319.26	322.06	324.16	326.56	307.78	325.24
2 Canada	315.24	314.34	323.82	316.34	308.41	315.50	318.44	306.26	309.06	311.16	313.12	294.78	312.20

Table 26
NON-BOARD GRAIN PRICES, 1981-82

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Year
	- dollars per tonne -												
LETHBRIDGE													
Wheat	170.86	156.53	150.28	158.73	146.61	146.98	140.08	146.24	148.81	147.71	149.92	148.44	151.60
Oats	126.44	111.53	107.64	111.53	111.53	105.69	111.53	111.53	113.47	114.12	115.42	112.82	112.77
Barley	120.34	104.72	99.67	102.88	103.80	104.26	105.64	104.26	107.48	110.69	113.45	110.69	107.32
CALGARY													
Wheat	167.55	160.20	150.65	149.18	147.71	148.44	146.98	146.98	149.92	150.65	154.69	158.37	152.61
Oats	118.01	108.29	99.21	101.80	106.34	108.93	110.23	110.23	112.18	111.53	112.18	106.34	108.77
Barley	125.85	113.45	102.88	103.34	105.18	105.64	106.56	106.56	105.64	109.31	112.07	105.18	108.47
RED DEER													
Wheat	159.47	154.32	155.43	151.38	149.55	148.44	157.26	146.24	145.87	148.44	152.86	151.02	151.69
Oats	108.93	97.26	97.26	99.21	101.15	107.64	110.88	107.64	105.69	105.69	105.04	101.80	104.02
Barley	129.52	112.99	107.94	107.48	107.94	110.69	112.53	110.23	109.77	112.07	112.07	107.94	111.76
VERMILION													
Wheat	165.35	160.57	151.38	152.49	156.90	156.16	156.90	163.51	152.12	146.98	147.71	149.92	155.00
Oats	105.69	97.26	95.97	97.26	97.26	104.40	108.93	110.23	110.23	110.23	101.80	92.72	102.66
Barley	121.26	113.45	108.85	107.48	108.85	107.48	112.53	109.77	112.07	115.28	116.66	113.45	112.26
EDMONTON													
Wheat	167.18	160.94	156.53	155.06	154.32	155.06	155.79	155.06	154.32	155.06	158.37	157.26	157.08
Oats	112.82	105.69	99.21	99.86	104.40	108.29	110.23	109.58	109.58	110.88	109.58	108.29	107.37
Barley	131.36	122.17	114.36	110.69	110.69	111.61	113.45	112.99	111.61	112.53	113.45	111.61	114.71
PEACE RIVER													
Wheat	165.35	147.71	135.22	137.42	134.85	138.16	141.46	137.06	141.46	146.24	146.98	142.57	142.87
Oats	106.99	97.91	91.43	95.97	101.80	108.29	111.53	107.64	105.69	108.93	106.34	100.50	103.58
Barley	127.68	118.96	102.42	105.64	107.94	111.61	113.91	112.07	112.53	117.58	115.74	108.85	112.91

Table 27
ESTIMATED SUPPLIES ON FARMS

	1979-80	1980-81	1981-82
	- '000 tonnes -		
WHEAT			
Carryover	1 361	680	355
Production	4 028	5 389	6 221
Total Supplies	5 389	6 069	6 576
OATS			
Carryover	355	231	230
Production	1 126	1 265	1 249
Total Supplies	1 481	1 496	1 479
BARLEY			
Carryover	1 393	501	610
Production	4 550	6 075	6 967
Total Supplies	5 943	6 576	7 577
RYE			
Carryover	97	56	20
Production	175	183	320
Total Supplies	272	239	340
FLAXSEED			
Carryover	5	3	10
Production	112	84	56
Total Supplies	117	87	66
CANOLA/RAPESEED			
Carryover	91	120	170
Production	1 440	1 134	760
Total Supplies	1 531	1 254	930

Table 28
STOCKS OF GRAIN ON FARMS AT JULY 31

	Wheat	Oats	Barley	Rye	Flaxseed	Canola/ Rapeseed
	- '000 tonnes -					
1961	762	308	392	15	10	
1962	408	293	305	15	8	
1963	326	401	348	8	5	N
1964	544	586	544	13	5	/
1965	572	355	435	20	5	A
1966	626	386	435	25	10	
1967	1 089	463	675	18	10	9
1968	1 415	339	631	20	3	18
1969	2 313	447	1 393	25	5	4
1970	2 722	555	1 676	36	5	2
1971	1 851	478	631	46	53	2
1972	1 034	370	653	51	25	79
1973	544	339	827	18	3	2
1974	408	278	566	25	5	16
1975	354	231	479	36	13	34
1976	299	262	544	41	13	136
1977	1 334	308	631	25	5	11
1978	599	386	1 350	25	3	14
1979	1 361	355	1 393	97	5	91
1980	680	231	501	56	3	120
1981	355	230	610	20	10	170
1982	1 010	230	1 070	38	3	34

Table 29
FORAGE SEED CROPS INSPECTED FOR PEDIGREE STATUS

	1981	1982
	- acres -	
Alfalfa	6,130	14,000
Alsike Clover	190	1,000
Altai Wild Ryegrass	120	320
Birdsfoot Trefoil	105	190
Bromegrass	3,720	4,000
Cicer Milkvetch	60	92
Creeping Red Fescue	7,718	9,000
Crested Wheatgrass	2,692	2,200
Orchardgrass	386	360
Red Clover (single cut)	1,239	1,700
Reed Canarygrass.	15	-
Sainfoin	30	-
Tall Wheatgrass	60	400
Timothy	5,404	7,200

Table 30
FORAGE SEED PRODUCTION

	1981	1982
	- '000 kg -	
Alfalfa	1 500	2 500
Alsike Clover	1 500	750
Bromegrass	300	500
Creeping Red Fescue	4 500	2 250
Crested Wheatgrass.	300	350
Red Clover (single cut)	2 000	1 000
Sweet Clover.	200	100
Timothy	750	500

Table 31
PROCESSED ALFALFA PRODUCTION

	Total Production	Exports	Value F.O.B. Plant
	- tonnes -		$'000
1971-72	17 000	-	900
1972-73	33 000	-	1,800
1973-74	48 000	-	4,800
1974-75	82 000	14 000	6,300
1975-76	97 000	29 000	8,200
1976-77	130 000	83 000	12,000
1977-78	166 000	87 000	13,800
1978-79	164 000	114 000	13,600
1979-80	181 000	130 000	17,900
1980-81	139 000	80 000	18,500
1981-82	116 000	68 000	13,500

Table 32
TAME HAY PRODUCTION

	Area	Yield Per Acre	Production
	'000 ac.	- kilograms -	'000 tonnes
1978	3,600	1 865	6 715
1979	3,600	1 740	6 260
1980	3,500	1 635	5 715
1981	3,500	1 735	6 080
1982	3,500	1 580	5 535

Table 33
FODDER CORN PRODUCTION

		1981	1982
Area	ac.	25,000	25,000
Yield	kg/ac.	17 055	16 330
Production	tonnes	426 400	408 200
Average Value	$/tonne	22.00	25.00

Table 34
DRY BEAN PRODUCTION

	Area	Yield Per Acre	Production
	acres	- kilograms -	tonnes
1978	6,803	427	2 904
1979	6,484	535	3 472
1980	8,423	504	4 248
1981	8,413	531	4 467
1982	8,154	515	4 199

Note: Dry bean yield and production data are on a cleaned or net basis.

Table 35
SUGAR BEET INDUSTRY

		1980	1981	1982
Contracted	ac.	35,609	35,405	32,161
Planted	ac.	34,850	35,139	31,833
Harvested	ac.	33,771	35,071	30,502
Production	tonnes	524 251	715 082	474 866
Average Yield	kg/ac.	15 520	20 390	15.56
Paid for Beets	$/tonne	66.99	43.18	n/a
Sugar Content	%	16.6	16.2	16.2
Sugar Produced	kg/tonne	114.0	103.2	114.7
Sugar Produced	kg/ac.	1 770	2 103	1 785

Table 36
COMMERCIAL VEGETABLE PRODUCTION

	Area		Production	
	1981	1982	1981	1982
	- acres -		- tonnes -	
Cabbage	450	4 490	450	4 680
Carrots	500	4 900	700	5 535
Corn, fresh	550	1 460	700	1 535
Cucumbers	150	295	170	360
Onions	220	2 230	220	1 525
Rutabagas	160	2 220	170	1 695
Potatoes	16,600	172 400	18,000	191 900

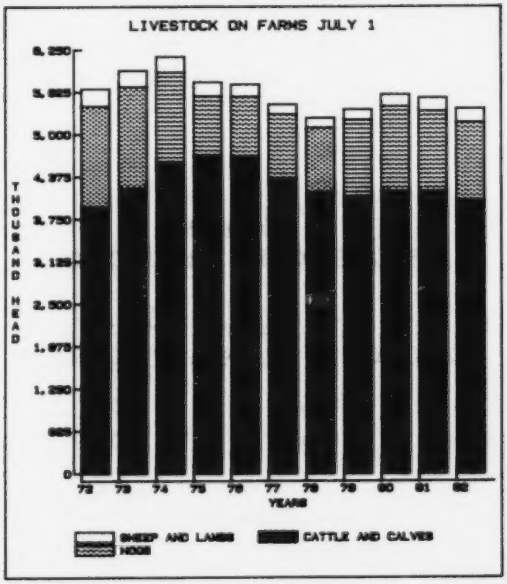
LIVESTOCK

Canada achieved record net exports of live cattle and dressed beef in 1982, with the majority of supplies originating in the West. Canadian pork and live hog exports during the year also increased significantly due mainly to a Japanese ban on Danish pork. These developments did help increase livestock and red meat prices throughout the country during the spring and summer months.

In Alberta, livestock producers experienced the best prospects in recent years as high spring and summer prices were complemented by generally favourable feed supplies, low feed costs, and declining interest rates during the latter half of the year. Despite the optimism created by these factors, uncertainty persisted in the industry because of continued price fluctuations.

The winter of 1981-82, in contrast to the mild conditions of the preceding winter, was quite severe. Extremely low temperatures greatly increased livestock feed consumption. This contributed to feed shortages in northern districts later in the year. However, above average winter precipitation in all regions served to replenish depleted soil moisture levels, thus improving soil conditions for pasture growth. The snow also provided adequate cover for legume protection, thereby minimizing winterkill damage.

The high precipitation and cold winter conditions led to a late, cool and wet spring which delayed seeding operations in many districts and prolonged the livestock feeding period. To allow for pasture regeneration, many producers fed their animals much longer than usual. This tightened their feed supply position. Many of these producers, particularly in northern areas, purchased additional feed from other areas through



the Alberta Feed Freight Assistance Program for the second successive year. Snow storms in south-eastern districts late in May caused calf scours and pneumonia which resulted in a few losses. Black fly infestations posed a problem to producers along the Athabasca River.

Pastures responded to seasonable rains early in June in all regions, except in the north where minimal precipitation slowed down hay and pasture growth. The Peace River Region had the least amount of rainfall as drought conditions continued through June. Frequent showers throughout the province in

July improved the prospects for pasture growth in the Peace River Region but retarded haying progress and reduced the quality of first cuts of hay in other regions. Growing conditions in August were quite favourable with the exception of a frost on the 25th in the Peace River, Northeast and Northwest Regions which may have caused some anxiety over possible nitrate poisoning in cattle in these areas.

Warm and sunny conditions in the latter part of September greatly enhanced hay-making operations and silage preparation; but inclement weather during October adversely affected the quality and yield of second cuts of hay. Overall, the 1982 hay crop was lower in quality and about 9% below 1981 production while fodder corn production declined 4% from year earlier levels.

Augmented by abundant supplies of feed grain, greenfeed and straw, the stocks of feed in most regions were more than adequate as the winter of 1982-83 approached. As well, livestock were generally in good condition at the onset of winter.

Prices

The livestock and red meat market in 1982 was characterized by output close to year earlier levels, increased exports, somewhat sluggish demand and, consequently, considerable price variations. From very low levels in January, prices rose rapidly. They peaked in the spring and summer and then trended downwards in the latter part of the year.

For the third year in succession, average cattle prices declined. Slaughter steers (A1,2 Calgary) averaged $73.08 per cwt. compared with $73.93, $74.59 and $76.55 per cwt. in 1981, 1980 and 1979. Cow prices (D1,2 Calgary) averaged $46.39 per cwt., down 4%, 10% and 20% from 1981, 1980 and 1979.

Hog prices increased through the spring and summer months to a record high in September before declining to more normal levels. The monthly average price for dressed Index 100 hogs in Edmonton during the year ranged from $62.36 to $96.77 per cwt, while the annual average price was 21% higher than the 1981 average.

Average prices for sheep increased in 1982 while lamb prices showed a slight decline. D1,2 sheep prices at Edmonton rose by 16% to $35.97 per cwt. On the other hand, Edmonton A,B lamb prices dropped to $56.35 from $56.85 per cwt.

Numbers

There was an estimated 4,021,000 head of cattle and calves on Alberta farms on July 1, 1982. This is a ten-year low and represents a 3% reduction from 1981 estmates. Increased cow slaughter, coupled with reduced numbers of breeding heifers, was the main reason for the decline.

A second consecutive year of reduction lowered the estimated number of hogs on farms on July 1 by 3% from year earlier levels to 1,150,000 in 1982. The downtrend was largely the result of the marketing decisions of producers who took advantage of prevailing high prices to improve their income. Breeding herd size increased from 136,300 to 137,000 head while the number of all other pigs declined by almost 4% to 1,013,000.

Sheep and lamb numbers in the province continued to rise. On July 1, 1982 there was an estimated 205,000 head on farms. This is the highest estimate since 1975 and marks an increase of close to 4% from 1981.

Marketings

The number of steers and heifers marketed at Alberta stockyards in 1982 and shipped directly to packing plants, at 1,130,811 head, was only 1,295 less than the marketings recorded in 1981. Federally and provincially inspected cattle slaughter increased by 2% from previous year levels to 1,338,026. However, inspected calf slaughter decreased by 11% to 7,505. The estimated cold carcass output of beef and veal was 773 million pounds, compared with 771 million pounds in 1981.

Shipments of live cattle out-of-province reached a four-year high of 331,683 in 1982. This represented an increase of 21% over 1981 shipments.

Inspected hog slaughter amounted to 1,589,373 head, a decrease of 7% from a year earlier. Also, estimated pork production (cold dressed weight basis) in Alberta declined 7% to 214.7 million pounds in 1982. A total of 1,527,542 hogs were marketed in the province in 1982, compared with 1,580,748 in 1981.

Sheep and lamb marketings in the province have risen consistently over the past several years. In 1982 the total number marketed was 81,691, an increase of 23%, 62%, 88% and 96% from 1981, 1980, 1979 and 1978 respectively. Slaughter in federally and provincially inspected plants was up 37% to 79,042. Estimated lamb and mutton production (cold dressed weight) was 3.6 million pounds.

Table 37

BRAND INSPECTION RECORD OF LIVE CATTLE AND CALF SHIPMENTS OUT-OF-PROVINCE

	1980	1981	1982
		- number -	
British Columbia	21,570	18,317	16,523
Saskatchewan	42,076	44,227	38,595
Manitoba	7,185	8,832	3,842
Ontario	194,119	149,025	187,614
Quebec	4,484	5,926	7,872
Maritimes	494	90	5
United States	36,262	37,460	71,553
Others	409	9,152	5,699
Total	306,599	273,087	331,683

Table 38
COWS BRED BY ARTIFICIAL INSEMINATION

Breed of Sire	1980 Dairy Cows	1980 Beef Cows	1980 Total Cows	1981 Total Cows	1982 Total Cows
Ayrshire	344	1	345	581	538
Brown Swiss	283	44	327	284	340
Guernsey	228	-	228	248	221
Holstein-Friesian (B&W)	21,639	214	21,853	16,947	13,958
Jersey	540	1	541	747	786
Other	239	9	248	188	172
Total Dairy	23,273	269	23,542	18,995	16,015
Aberdeen Angus (Black)	302	1,404	1,706	1,155	1,191
Aberdeen Angus (Red)	54	289	343	279	330
Blonde d'Aquitaine	3	217	220	30	164
Charolais	10	1,447	1,457	484	1,036
Gelbvieh	2	97	99	92	44
Hays Converter	-	217	217	9	5
Hereford	270	3,623	3,893	3,959	3,178
Limousin	19	527	546	641	517
Maine Anjou	2	360	362	147	184
Murray Grey	1	137	138	112	95
Pinzgauer	-	142	142	66	66
Salers	-	95	95	149	325
Shorthorn	9	126	135	87	98
Simmental	136	3,248	3,384	1,546	1,826
Other	6	188	194	161	226
Total Beef	814	12,117	12,931	8,917	9,285
Grand Total	24,087	12,386	36,473	27,912	25,300

Note: These totals do not include semen sold directly to owner - inseminators or semen purchased and resold.

Table 39
CATTLE ON FARMS, JULY 1

1981

Census Division	Bulls	Milk Cows	Dairy Heifers	Beef Cows	Beef Heifers For Breeding	Calves	Heifers For Slaughter	Steers	Total
					- thousands -				
1	4.7	4.0	1.1	70.0	12.4	67.0	10.0	22.0	191.2
2	8.0	16.5	5.2	111.0	18.3	112.0	66.0	110.0	447.0
3	6.8	7.7	2.2	100.0	21.9	94.0	27.0	48.0	307.6
4	5.7	3.2	0.8	102.0	16.5	90.0	8.0	19.0	245.2
5	5.4	5.6	1.5	73.0	10.2	70.0	38.0	84.0	287.7
6	9.6	12.8	4.1	130.0	23.5	124.0	36.0	64.0	404.0
7	8.1	7.6	2.2	128.0	20.1	117.0	28.0	40.0	351.0
8	9.7	26.0	9.1	146.0	25.7	146.0	48.0	75.0	485.5
9	-	-	-	5.0	0.6	4.0	-	2.0	11.6
10	9.2	17.7	4.6	129.0	20.1	121.0	18.0	39.0	358.6
11	6.7	34.4	14.2	99.0	21.1	105.0	17.0	39.0	336.4
12	3.7	7.6	2.1	69.0	12.5	61.0	7.0	14.0	176.9
13	6.4	14.4	4.6	121.0	21.8	112.0	14.0	33.0	327.2
14	1.0	1.0	0.7	18.0	4.0	16.0	2.0	4.0	46.7
15	4.5	7.5	2.1	67.0	14.3	61.0	6.0	14.0	176.4
Province	89.5	166.0	54.5	1,368.0	243.0	1,300.0	325.0	607.0	4,153.0

1982

Census Division	Bulls	Milk Cows	Dairy Heifers	Beef Cows	Beef Heifers For Breeding	Calves	Heifers For Slaughter	Steers	Total	1982 as % 1981
					- thousands -					
1	4.6	3.7	1.2	75.0	13.4	70.0	12.0	21.0	200.9	105.1
2	8.1	16.2	5.3	108.0	15.5	91.0	65.0	103.0	412.1	92.2
3	6.5	7.4	1.9	102.0	18.6	95.0	30.0	52.0	313.4	101.9
4	5.7	4.0	1.0	101.0	14.4	91.0	9.0	16.0	242.1	98.7
5	5.2	5.6	1.3	72.0	9.5	62.0	40.0	87.0	282.6	98.2
6	9.0	12.4	4.3	110.0	20.1	100.0	36.0	77.0	368.8	91.3
7	8.0	7.6	2.0	125.0	17.0	113.0	28.0	32.0	332.6	94.8
8	9.7	24.8	8.9	150.0	27.6	149.0	43.0	74.0	487.0	100.3
9	-	-	-	5.0	0.5	4.0	-	2.0	11.5	99.1
10	8.5	17.0	4.2	125.0	18.0	113.0	19.0	30.0	334.7	93.3
11	6.4	32.8	13.1	103.0	19.7	107.0	19.0	36.0	337.0	100.2
12	3.0	7.0	1.7	68.0	10.4	53.0	5.0	14.0	162.1	91.6
13	6.1	15.2	4.7	120.0	22.0	106.0	11.0	32.0	317.0	96.9
14	1.0	1.0	0.7	18.0	3.8	16.0	3.0	3.0	46.5	99.6
15	4.2	7.3	1.7	68.0	14.5	60.0	6.0	11.0	172.7	97.9
Province	86.0	162.0	52.0	1,350.0	225.0	1,230.0	326.0	590.0	4,021.0	96.8

Table 40
SLAUGHTER CATTLE AND CALF MARKETINGS

Marketed at Stockyards and Shipped Directly to Packing Plants

C.D.	Steers				Heifers				Cows	Bulls
	A1,2 1000+	A1,2 -1000	A3,4	B & C	A1,2 850+	A1,2 -850	A3,4	B & C		
	- number -									
1	17,636	1,197	1,104	1,437	6,435	3,008	752	2,018	9,306	702
2	179,749	10,213	15,219	6,831	103,271	32,885	15,137	8,581	29,709	1,669
3	41,460	3,344	3,325	1,438	23,831	8,246	3,148	2,312	12,067	310
4	3,137	449	206	305	1,961	365	160	659	5,841	404
5	55,000	8,673	3,286	1,996	29,417	8,021	3,604	1,443	7,035	747
6	69,917	11,596	4,687	3,228	54,565	16,537	5,175	4,186	23,097	2,334
7	31,495	3,051	3,702	1,713	30,501	4,876	4,768	2,164	14,386	938
8	67,817	6,886	5,803	2,796	46,465	9,871	6,024	4,231	23,213	1,113
9	106	2	10	1	96	16	21	13	130	9
10	18,282	2,082	1,884	1,864	10,243	1,983	1,768	1,614	14,906	1,604
11	21,132	2,085	1,959	1,893	12,450	2,404	1,856	2,290	33,032	1,853
12	3,607	551	311	412	1,563	723	290	515	5,449	666
13	8,900	515	929	772	3,276	570	657	983	14,185	1,232
14	981	116	68	54	802	154	100	89	1,667	188
15	1,608	476	166	294	850	448	142	522	5,593	847
1982	520,827	51,236	42,659	25,034	325,726	90,107	43,602	31,620	199,616	14,616
1981	543,106	46,526	49,801	20,572	318,316	81,714	44,581	27,490	180,882	13,038
1980	524,852	45,760	55,853	20,138	304,226	57,469	45,116	25,606	174,745	13,481

C.D.	Total Slaughter Cattle	Calves				Total Slaughter Claves	Delivered to		Total
		White Veal	Good Veal	Good Butcher	Common all wts.		Yards	Plants	
					- number -				
1	43,595	-	-	1	19	20	89	43,526	43,615
2	403,264	40	2	1	23	66	555	402,775	403,330
3	99,481	332	60	123	483	998	2,109	98,370	100,479
4	13,487	-	-	1	17	18	1,293	12,212	13,505
5	119,222	-	-	1	42	43	11,692	107,573	119,265
6	195,322	-	14	74	190	278	28,107	167,493	195,600
7	97,594	-	26	70	198	294	6,186	91,702	97,888
8	174,219	94	63	64	379	600	7,389	167,430	174,819
9	404	-	-	-	-	-	82	322	404
10	56,230	-	45	89	308	442	12,006	44,666	56,672
11	80,954	-	35	119	436	590	15,582	65,962	81,544
12	14,087	-	12	26	94	132	5,589	8,630	14,219
13	32,019	302	90	98	745	1,235	10,279	22,975	33,254
14	4,219	-	4	8	94	106	2,083	2,242	4,325
15	10,946	72	37	207	237	553	1,887	9,612	11,499
1982	1,345,043	840	388	882	3,265	5,375	104,928	1,245,490	1,350,418
1981	1,326,026	45	386	957	4,489	5,877	107,154	1,224,749	1,331,903
1980	1,267,246	59	170	565	2,263	3,057	125,676	1,144,627	1,270,303

Table 41
AVERAGE MONTHLY CATTLE PRICES, EDMONTON

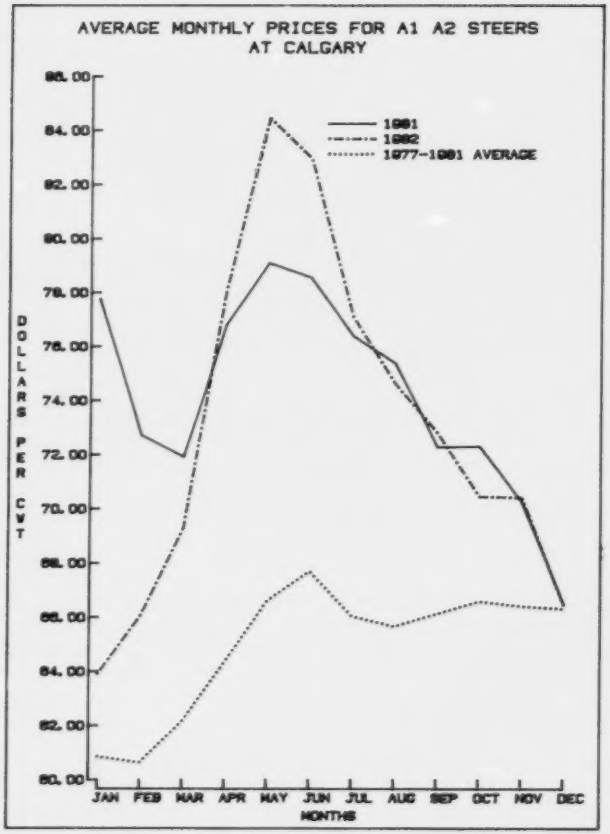
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
					- dollars per 100 pounds -								
					1981								
Slaughter Cattle													
Steers													
A1,2 1000 lbs+ . .	77.77	74.34	71.85	74.80	76.49	75.89	75.40	73.36	71.47	68.89	67.53	67.46	72.99
A1,2 -1000 lbs . .	77.58	75.00	71.07	75.98	75.40	74.58	74.67	72.18	70.79	67.18	65.48	62.33	72.61
A3,4	73.17	72.00	-	72.50	73.03	71.67	72.00	69.09	67.33	65.07	64.27	57.96	65.77
B & C.	58.61	58.00	63.52	59.83	64.50	64.33	62.43	61.29	62.32	63.26	61.14	57.35	61.30
Heifers													
A1,2 850 lbs+. . .	74.10	72.20	69.22	73.10	73.36	71.80	69.46	66.37	66.16	65.90	65.24	64.02	69.24
A1,2 -850 lbs. . .	73.74	72.22	67.12	73.60	72.84	71.07	68.85	67.01	64.63	63.55	63.61	60.71	68.21
A3,4	68.87	67.00	-	69.83	69.56	69.00	65.90	62.33	63.21	61.11	59.82	58.04	62.86
B & C.	53.17	52.00	54.85	55.39	59.63	64.81	60.63	55.90	59.03	59.12	57.54	56.19	56.90
Cows													
D1,2	48.11	49.35	50.04	52.82	51.74	50.55	51.69	51.69	49.94	42.42	38.94	38.41	46.59
D3,5	43.00	45.77	46.64	48.78	47.57	46.04	48.74	48.39	45.79	37.42	35.75	35.57	42.41
D4	41.49	42.38	42.13	43.23	43.55	44.10	46.09	46.22	43.08	37.94	33.56	35.05	40.84
Bulls	56.15	56.49	57.21	57.89	57.55	58.83	57.94	59.50	57.93	51.81	45.61	46.85	54.83
Feeders													
Good Steers													
800 lbs+	80.39	77.00	76.10	76.68	74.53	74.99	75.78	73.70	72.36	70.60	67.59	68.58	73.20
700-800 lbs. . . .	82.02	78.90	78.17	77.83	76.67	76.10	77.31	75.55	72.03	71.28	67.29	69.62	74.66
600-700 lbs. . . .	83.47	80.58	80.25	79.83	78.67	78.35	80.22	77.35	71.53	70.77	68.04	69.61	76.41
Com to med Steers 600 lbs+	68.62	64.45	64.07	65.18	67.19	67.62	65.52	59.69	56.54	54.64	51.34	51.96	60.73
Good Heifers													
700 lbs+	74.45	69.81	70.51	72.02	70.29	67.86	68.46	66.52	66.80	64.22	59.85	60.16	66.62
600-700 lbs. . . .	74.59	71.19	72.34	72.95	71.02	70.43	71.37	67.76	66.03	64.21	59.71	60.41	68.39
500-600 lbs. . . .	75.18	72.40	73.13	73.70	71.16	70.44	72.45	68.98	66.23	63.15	60.11	61.08	68.84
Com to med Heifers 500 lbs+	59.68	57.78	57.31	56.22	58.27	60.99	59.93	59.55	56.96	52.97	50.52	48.40	55.80
Cows	51.07	50.76	49.22	52.90	53.01	55.68	56.07	56.43	51.64	44.95	43.76	37.85	49.20

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
				- dollars per 100 pounds -									
						1982							
Slaughter Cattle													
Steers													
A1,2 1000 lbs+ . .	62.64	65.30	67.57	73.50	79.59	80.45	75.91	73.57	73.16	69.91	69.37	64.81	71.59
A1,2 -1000 lbs . .	61.31	63.02	66.40	71.40	78.16	78.66	74.52	72.28	72.08	69.30	68.61	63.60	73.50
A3,4	57.23	59.89	63.38	67.84	69.43	75.24	72.24	68.56	68.03	65.16	67.00	-	68.12
B & C.	50.14	52.65	52.00	59.34	58.65	65.29	65.48	61.38	62.05	54.56	54.97	51.79	56.33
Heifers													
A1,2 850 lbs+. . .	55.00	60.56	63.08	67.02	74.72	71.38	71.54	70.07	69.92	68.71	65.55	61.83	67.55
A1,2 -850 lbs. . .	53.80	59.08	61.07	66.23	74.51	69.93	71.94	69.84	68.85	67.98	64.93	60.39	69.80
A3,4	52.45	54.74	55.34	56.09	68.48	70.35	67.85	64.59	65.23	61.53	64.87	-	63.64
B & C.	44.28	45.94	47.68	52.03	55.74	61.31	59.07	54.57	59.19	54.70	48.71	48.06	51.98
Cows													
D1,2	40.43	40.21	45.30	46.42	51.21	49.84	50.09	49.49	45.49	43.14	35.46	37.87	44.34
D3,5	35.92	35.43	40.69	41.84	45.67	46.30	46.61	44.01	38.99	38.72	32.39	32.67	38.90
D4	33.64	32.24	36.76	38.74	42.67	44.99	44.60	43.50	38.77	36.97	30.19	31.85	36.39
Bulls	46.77	50.11	54.12	53.43	53.44	54.74	57.57	58.02	54.25	54.51	49.31	47.12	52.90
Feeders													
Good Steers													
800 lbs+	62.76	66.61	68.17	69.98	72.95	76.12	75.07	76.13	75.04	71.50	74.16	71.45	72.08
700-800 lbs. . . .	64.68	68.21	69.26	71.07	75.66	78.58	76.56	77.65	76.79	74.07	74.77	71.79	73.26
600-700 lbs. . . .	67.85	69.60	70.30	72.17	76.83	80.00	78.78	79.05	77.55	75.37	76.39	73.92	73.97
Com to med Steers . 600 lbs+	52.21	49.71	53.69	57.73	62.59	62.82	66.11	62.07	66.26	63.70	62.80	60.27	60.93
Good Heifers													
700 lbs+	56.35	58.58	59.77	63.72	67.17	70.54	69.80	70.83	71.06	65.48	64.46	62.76	65.52
600-700 lbs. . . .	56.26	59.80	61.30	63.74	67.51	71.74	70.77	71.63	71.39	65.15	65.01	64.66	65.67
500-600 lbs. . . .	56.96	60.42	61.60	63.41	67.81	71.54	70.56	71.66	71.13	67.69	67.74	66.33	65.16
Com to med Heifers 500 lbs+	46.31	46.62	47.33	53.07	53.45	53.81	54.37	56.38	55.65	53.50	55.84	54.25	53.72
Cows	41.33	42.27	44.25	45.60	46.44	51.95	49.43	48.23	48.18	42.65	37.56	38.38	42.46

Table 42
AVERAGE MONTHLY CATTLE PRICES, CALGARY

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
				- dollars per 100 pounds -									
						1981							
Slaughter Cattle													
Steers													
A1,2 1000 lbs+. .	77.76	72.71	71.91	76.81	79.09	78.55	76.38	75.36	72.28	72.30	70.25	66.51	73.93
A1,2 -1000 lbs. .	76.56	69.12	70.77	75.97	78.43	76.68	74.02	73.49	71.16	69.67	68.87	64.14	73.76
A3,4	75.77	69.01	67.92	74.09	74.92	74.54	69.94	70.56	69.08	67.60	67.35	64.31	70.70
B & C	72.85	67.71	67.50	70.96	72.13	71.44	67.61	68.04	65.01	64.56	63.69	63.05	67.75
Heifers													
A1,2 850 lbs+ . .	75.44	70.05	69.29	73.85	74.96	75.07	69.05	69.46	68.92	70.34	68.04	63.77	70.97
A1,2 -850 lbs . .	74.38	66.00	67.25	74.63	74.90	72.99	65.05	66.26	67.38	68.36	67.93	65.74	69.99
A3,4	73.99	67.51	66.29	72.65	73.53	70.72	65.48	65.28	65.45	65.31	64.03	63.18	67.84
B & C	71.27	67.99	65.16	68.64	70.95	69.94	65.91	63.03	60.84	60.80	60.92	59.62	66.35
Cows													
D1,2	49.18	49.80	51.30	54.57	53.39	52.82	53.55	53.07	50.98	44.17	40.38	40.45	48.52
D3,5	46.45	45.91	47.44	51.69	50.42	48.23	50.89	49.08	47.12	39.47	36.33	37.03	45.01
D4	44.86	44.52	45.95	51.67	48.60	45.50	44.95	46.91	44.29	41.15	37.89	36.35	44.29
Bulls.	58.05	59.07	57.30	59.20	59.53	59.95	58.37	59.08	58.76	53.63	50.80	49.39	56.76
Feeders													
Good Steers													
800 lbs+	78.94	76.93	77.42	79.12	76.48	75.45	76.99	76.03	73.58	72.74	70.93	72.03	74.45
700-800 lbs . . .	82.39	80.54	78.58	80.17	77.10	75.70	78.98	78.60	73.36	73.13	72.72	72.84	76.58
600-700 lbs . . .	83.69	83.68	84.11	82.43	79.72	78.11	81.41	78.64	74.11	73.78	74.09	74.67	79.80
Com to med Steers. 600 lbs+	73.75	71.08	72.99	72.66	73.54	72.70	65.07	68.94	67.72	68.31	67.26	69.98	70.03
Good Heifers													
700 lbs+	73.65	71.99	72.17	74.36	74.91	71.27	70.01	69.91	68.01	68.54	65.69	65.02	70.22
600-700 lbs . . .	74.90	75.57	74.12	76.05	73.98	71.05	70.35	70.01	67.18	67.30	65.75	67.30	72.36
500-600 lbs . . .	75.82	74.42	75.41	75.48	74.62	72.29	71.36	69.63	67.57	66.40	65.49	69.03	72.20
Com to med Heifers 500 lbs+	68.98	66.28	67.98	66.62	69.40	68.61	68.15	64.66	62.59	62.42	61.26	64.07	65.50
Cows	55.44	50.90	53.91	54.86	54.28	52.24	51.86	51.43	52.20	46.16	39.49	40.89	49.15

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1982												
Slaughter Cattle													
Steers													
A1,2 1000 lbs+ . .	63.90	66.05	69.26	78.09	84.45	82.95	77.09	74.61	72.80	70.45	70.41	66.47	73.08
A1,2 -1000 lbs . .	63.07	-	69.12	79.67	80.95	78.24	75.32	73.36	72.99	69.76	69.29	64.43	75.58
A3,4	61.10	64.34	67.16	75.60	77.64	76.45	72.73	71.55	69.71	68.20	67.69	64.01	70.53
B & C.	57.28	62.29	64.64	69.67	75.07	73.00	67.95	65.50	65.75	62.93	61.95	57.78	66.54
Heifers													
A1,2 850 lbs+. . .	58.86	61.97	65.47	73.12	79.71	75.16	73.33	71.42	70.51	69.27	68.02	62.30	69.48
A1,2 -850 lbs. . .	57.00	58.64	64.00	75.02	75.36	72.17	71.57	69.45	70.32	66.08	69.32	-	70.75
A3,4	55.56	58.32	61.56	68.54	73.06	69.37	68.17	67.65	66.76	67.27	65.65	60.51	64.89
B & C.	53.08	55.34	56.26	59.40	65.33	65.46	63.99	59.82	60.35	57.09	54.12	52.68	59.12
Cows													
D1,2	42.04	41.92	47.47	47.29	50.17	52.36	52.26	51.75	47.92	44.46	39.34	39.64	46.39
D3,5	39.04	38.50	45.50	44.97	47.01	46.81	48.68	47.32	44.07	41.94	35.37	35.78	42.14
D4	39.30	37.96	44.53	43.82	47.03	45.90	47.02	46.60	42.94	41.00	34.96	34.82	40.79
Bulls	49.11	53.28	56.75	53.50	53.76	54.93	57.97	56.92	56.43	54.50	49.37	45.32	54.03
Feeders													
Good Steers													
800 lbs+	63.39	68.47	71.58	74.56	77.45	79.04	76.82	77.38	76.32	73.55	71.94	70.94	73.67
700-800 lbs. . . .	65.75	70.55	71.70	74.56	78.17	79.24	76.24	78.13	76.90	75.55	73.06	73.03	74.64
600-700 lbs. . . .	68.96	72.82	72.16	75.67	79.87	79.23	76.21	75.50	77.55	76.34	76.02	74.42	75.15
Com to med Steers . 600 lbs+	58.90	66.88	66.13	69.05	74.23	72.44	72.40	70.00	70.40	68.00	65.83	65.64	69.57
Good Heifers													
700 lbs+	59.51	65.00	65.78	69.18	71.11	72.97	70.92	72.12	70.71	67.78	68.68	67.39	69.04
600-700 lbs. . . .	50.09	64.80	65.93	69.15	71.42	72.88	71.04	71.99	70.55	68.52	69.00	68.79	69.14
500-600 lbs. . . .	61.16	64.66	64.99	68.31	70.76	72.91	71.49	73.09	70.99	70.40	70.14	68.38	68.80
Com to med Heifers 500 lbs+	52.95	60.64	59.08	62.43	63.79	65.40	64.19	65.00	63.97	61.79	60.75	59.93	61.87
Cows	44.86	42.35	48.36	47.28	51.09	52.24	53.98	54.74	49.72	47.93	44.08	42.09	46.08


AVERAGE MONTHLY PRICES FOR A1 A2 STEERS
AT CALGARY
1981
1982
1977-1981 AVERAGE
DOLLARS PER CWT
86.00
84.00
82.00
80.00
78.00
76.00
74.00
72.00
70.00
68.00
66.00
64.00
62.00
60.00
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTHS

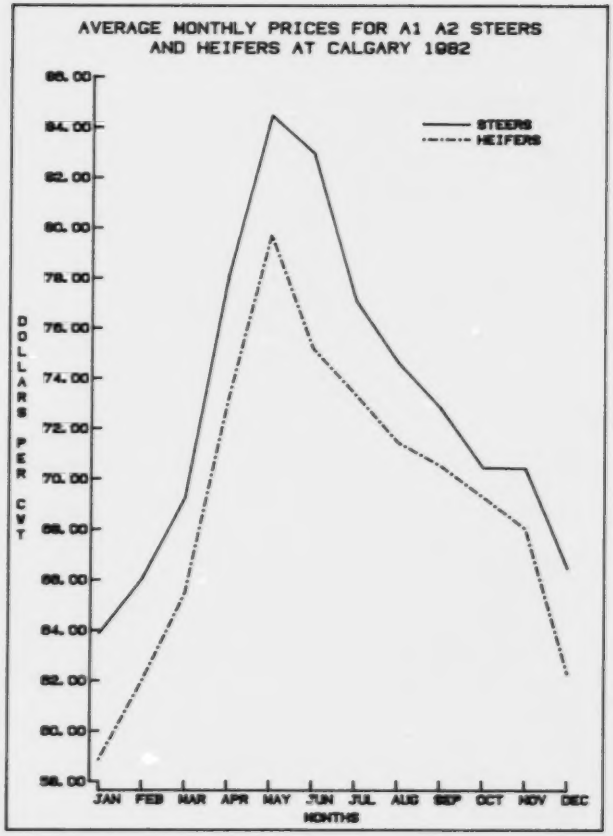

AVERAGE MONTHLY PRICES FOR A1 A2 STEERS
AND HEIFERS AT CALGARY 1982
STEERS
HEIFERS
DOLLARS PER CWT
86.00
84.00
82.00
80.00
78.00
76.00
74.00
72.00
70.00
68.00
66.00
64.00
62.00
60.00
58.00
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTHS

Table 43
AVERAGE MONTHLY CALF PRICES, CALGARY

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
						- dollars per 100 pounds -							
						1981							
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	60.00	-	72.00	76.00	67.90	69.00	72.70	63.67	63.59	59.40	55.00	-	63.99
Feeders													
Good Steer Calves													
500-600 lbs	86.04	83.93	82.64	83.23	80.75	81.33	73.93	76.07	74.43	73.77	74.40	76.43	77.10
400-500 lbs	82.90	84.69	84.87	84.32	81.01	81.45	79.50	-	72.54	73.40	73.76	76.00	75.64
-400 lbs	73.00	85.25	85.25	85.58	86.45	82.39	82.00	83.44	73.63	71.24	71.55	74.25	77.52
Com to med -600 lbs.	75.17	76.40	79.75	76.78	72.90	76.80	71.19	77.41	67.93	69.23	66.96	69.34	70.12
Good Heifer Calves													
400-500 lbs	76.13	75.41	74.66	76.27	74.97	72.73	-	76.20	-	65.76	64.72	67.60	67.75
300-400 lbs	72.82	73.36	75.62	74.76	74.47	73.19	-	78.25	67.75	65.78	62.70	65.70	66.53
-300 lbs	67.50	80.50	76.67	76.00	74.13	72.58	-	77.50	67.00	67.13	-	64.00	68.99
Com to med -500 lbs.	69.46	69.49	69.27	69.90	71.25	69.29	68.32	70.78	65.36	61.21	55.85	58.13	60.80
						1982							
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	63.50	60.33	60.67	69.42	64.88	67.50	60.00	-	58.75	52.67	57.36	56.67	60.78
Feeders													
Good Steer Calves													
500-600 lbs	68.00	73.82	72.51	76.55	81.93	82.45	78.67	79.32	78.97	80.64	83.33	80.00	80.12
400-500 lbs	68.72	72.52	72.48	76.49	80.78	80.62	-	79.92	79.36	80.53	81.59	79.75	80.17
-400 lbs	-	71.25	72.60	75.67	-	80.00	80.57	80.63	79.54	77.66	81.49	77.38	79.54
Com to med -600 lbs.	63.04	66.56	66.64	70.00	74.94	74.78	71.04	74.44	74.14	73.79	74.62	70.31	72.96
Good Heifer Calves													
400-500 lbs	60.31	64.17	64.84	67.67	67.59	72.48	71.28	72.00	70.98	72.92	71.79	71.51	70.79
300-400 lbs	-	-	65.00	68.00	65.00	73.00	-	-	70.63	72.11	70.77	70.87	71.07
-300 lbs	-	-	-	-	-	79.50	71.25	-	72.00	72.30	74.00	-	72.84
Com to med -500 lbs.	56.84	60.44	59.36	60.00	61.51	65.13	64.02	65.44	63.70	65.56	63.79	62.15	62.93

Table 44
AVERAGE MONTHLY CALF PRICES, EDMONTON

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
					- dollars per 100 pounds -								
					1981								
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	-	-	-	-	74.00	-	-	-	56.83	56.64	53.55	52.63	55.07
Feeders													
Good Steer Calves													
500-600 lbs	83.93	83.23	81.59	81.75	80.92	81.14	82.24	76.38	71.39	70.23	68.75	72.97	76.55
400-500 lbs	84.91	84.08	84.16	82.98	83.10	81.56	80.22	77.09	70.67	70.52	69.90	72.54	75.13
-400 lbs	84.94	84.88	85.06	90.01	86.08	89.34	86.44	77.27	70.50	68.80	66.61	69.80	74.73
Com to med -600 lbs.	73.04	70.34	64.66	65.45	66.49	67.28	65.79	58.95	58.84	52.73	51.52	53.13	59.02
Good Heifer Calves													
400-500 lbs	74.87	73.39	70.51	73.88	73.20	71.58	72.90	68.27	63.35	62.27	60.51	61.79	66.84
300-400 lbs	75.00	73.07	72.34	75.13	74.68	74.40	83.80	68.52	62.42	59.78	60.87	60.24	65.80
-300 lbs	75.48	73.22	73.13	79.89	75.15	84.42	86.64	71.38	61.71	58.84	60.36	59.07	68.02
Com to med -500 lbs.	60.00	59.00	57.31	60.48	59.13	62.01	61.78	59.70	55.72	53.40	45.49	46.94	52.26
					1982								
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	46.54	45.62	52.89	54.73	64.60	67.56	68.57	64.78	68.58	56.90	52.93	55.55	57.67
Feeders													
Good Steer Calves													
500-600 lbs	67.45	69.39	71.13	72.96	80.42	82.45	82.32	80.77	79.64	75.92	78.12	77.52	75.52
400-500 lbs	64.75	69.98	71.25	73.15	80.18	82.90	80.12	81.59	84.13	77.58	77.77	78.64	77.11
-400 lbs	65.09	67.64	71.02	72.35	77.18	81.26	80.62	83.40	85.10	79.43	76.93	76.76	77.34
Com to med -600 lbs.	54.25	52.84	55.72	59.75	62.94	63.59	62.45	66.72	65.72	65.69	61.21	63.32	62.29
Good Heifer Calves													
400-500 lbs	57.00	58.50	59.90	63.33	67.93	72.08	70.00	70.20	71.92	70.94	69.58	67.13	66.87
300-400 lbs	55.06	55.70	56.61	61.88	65.09	70.41	71.73	72.78	73.06	68.75	68.55	65.93	66.84
-300 lbs	55.67	56.76	58.28	63.53	73.69	71.50	72.08	72.55	72.35	67.38	67.87	62.05	67.97
Com to med -500 lbs.	46.02	46.36	46.97	50.79	51.22	53.80	52.81	57.02	58.13	53.38	54.43	52.81	53.47

Table 45
HOGS ON FARMS, JULY 1

Census Division	Breeding Stock 6 Months & Over		All Other Pigs		Total Pigs		
	1981	1982	1981	1982	1981	1982	1982 as % 1981
			- thousands -				%
1	2.7	2.8	22.8	22.0	25.5	24.8	97.3
2	17.1	17.1	135.2	130.6	152.3	147.7	97.0
3	6.8	6.8	52.1	50.3	58.9	57.1	96.9
4	2.2	2.3	15.6	15.1	17.8	17.4	97.8
5	12.3	12.3	94.6	91.4	106.9	103.7	97.0
6	6.6	6.6	54.4	52.5	61.0	59.1	96.9
7	8.1	8.2	64.2	62.0	72.3	70.2	97.1
8	22.9	22.9	171.1	165.3	194.0	188.2	97.0
9	-	-	-	-	-	-	-
10	15.2	15.3	121.9	117.8	137.1	133.1	97.1
11	13.0	13.0	101.7	98.2	114.7	111.2	96.9
12	7.7	7.8	58.4	56.4	66.1	64.2	97.1
13	15.1	15.1	112.7	108.9	127.8	124.0	97.0
14	0.6	0.7	3.6	3.5	4.2	4.2	100.0
15	6.0	6.1	40.4	39.0	46.4	45.1	97.2
Province	136.3	137.0	1,048.7	1,013.0	1,185.0	1,150.0	97.0

Table 46
HOG MARKETINGS

Census Division	114 & 113	112 & 110	108	107	105	103	102	100	98 & 97	95 93 & 92	90,88 87&85
						- number -					
1	215	1,304	1,854	2,870	3,796	3,862	3,815	2,665	2,699	717	486
2	1,827	11,805	16,098	24,528	32,822	34,289	30,875	22,557	21,178	5,769	4,265
3	691	4,124	5,328	8,209	10,776	10,841	9,589	6,974	6,960	1,972	1,293
4	218	1,763	2,553	3,968	5,237	5,508	5,052	3,791	3,560	733	420
5	1,469	8,829	11,759	17,399	23,112	23,178	21,078	15,281	14,227	4,119	3,006
6	717	4,688	6,206	9,394	12,209	12,853	11,937	9,064	9,104	2,986	2,410
7	500	3,652	4,887	8,184	11,601	13,023	12,345	9,813	10,615	3,259	2,302
8	2,455	14,479	18,763	29,290	44,668	46,437	39,685	35,881	25,120	7,042	4,820
9	-	-	-	-	-	-	-	-	-	-	-
10	1,023	6,597	9,244	14,989	27,332	29,191	28,394	25,056	17,280	5,141	3,973
11	937	6,109	8,509	13,348	17,921	19,235	17,798	14,005	14,790	4,767	3,348
12	312	2,379	3,489	5,783	8,419	9,646	9,588	7,826	8,730	2,735	1,698
13	1,039	7,094	9,905	15,963	22,245	24,031	22,492	17,416	18,320	5,515	3,739
14	6	60	109	187	344	469	449	459	566	193	74
15	207	1,405	2,074	3,495	4,848	5,331	5,227	4,086	4,386	1,146	791
1982	11,616	74,288	100,778	157,607	225,330	237,894	218,324	174,874	157,535	46,094	32,625
1981	7,248	54,023	86,695	151,603	218,994	258,009	238,700	199,726	180,917	47,227	34,921
1980	4,969	45,637	78,957	148,255	220,960	255,922	238,148	205,878	203,249	60,336	44,166

Census Division	83, 82 & 80	Lights	Ridg-lings	Stags	Sows	Total Graded	Total Ungraded	Total	Export
				- number -					
1	416	365	67	30	410	25,571	1,129	26,700	-
2	3,395	1,625	655	474	4,353	216,515	652	217,167	206
3	890	366	257	73	1,184	69,527	-	69,527	-
4	422	341	161	79	432	34,238	-	34,238	-
5	2,378	961	572	215	2,924	150,507	-	150,507	206
6	2,217	860	191	137	1,653	86,626	-	86,626	390
7	2,071	955	349	121	1,870	85,547	599	86,146	-
8	3,662	1,499	1,135	265	4,763	279,964	1,548	281,512	-
9	-	-	-	-	-	-	-	-	-
10	3,990	1,543	538	344	4,036	178,671	646	179,317	110
11	3,088	2,448	694	251	3,549	130,797	842	131,639	432
12	1,736	698	174	134	1,820	65,167	3,023	68,190	1
13	3,085	1,226	459	108	3,895	156,532	-	156,532	-
14	74	37	3	-	130	3,160	-	3,160	-
15	847	596	114	112	1,222	35,887	394	36,281	-
1982	28,271	13,520	5,369	2,343	32,241	1,518,709	8,833	1,527,542	1,345
1981	31,734	19,227	5,581	2,407	34,964	1,571,976	8,771	1,580,747	20,567
1980	40,682	22,376	6,602	2,819	40,434	1,619,390	9,868	1,629,258	45,542

Table 47
AVERAGE MONTHLY HOG PRICES, EDMONTON

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
1981													
Dressed: Index 100	62.35	63.22	59.89	59.14	59.79	70.71	77.19	75.71	78.86	75.27	68.67	66.43	67.81
Live Boars	30.89	29.04	28.91	28.67	29.66	34.07	38.17	33.08	29.00	37.10	-	-	31.86
Live Feeders 100+	47.14	52.38	54.35	57.31	54.04	58.69	58.58	58.50	63.47	64.12	62.27	67.26	58.18
1982													
Dressed: Index 100	62.36	68.44	71.88	75.68	86.35	91.87	90.61	93.87	96.77	90.19	78.44	79.98	82.23
Live Boars	22.23	22.82	23.06	24.73	26.91	31.26	31.94	33.36	34.04	38.66	37.43	33.13	29.96
Live Feeders 100+	61.01	63.20	66.84	69.18	77.14	82.43	78.19	79.87	84.77	71.08	60.16	83.75	73.14

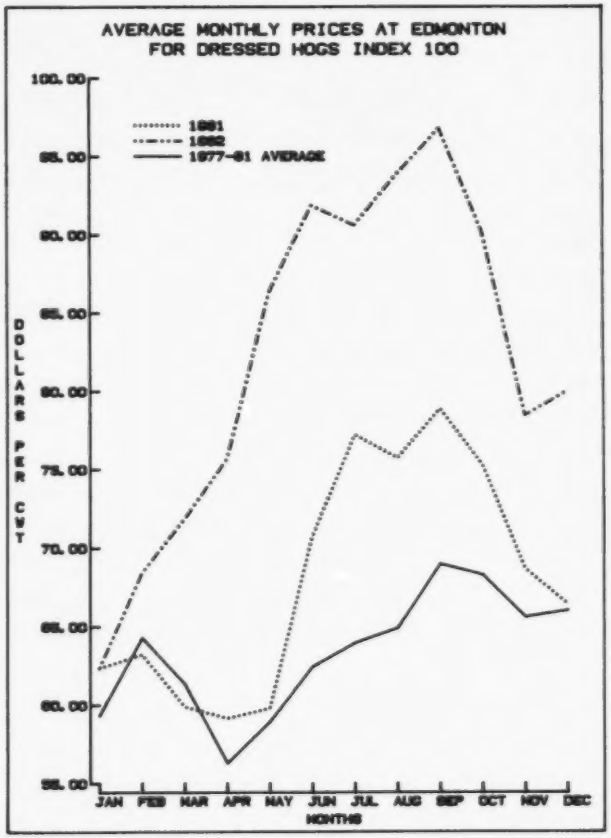


Table 48
INSPECTED HOG CARCASSES
(OF ALBERTA ORIGIN)

Year	Total Number	Value Per Hog	Total Sale Value
1965	1,634,459	$ 44.44	$ 72,635,358
1966	1,350,734	52.73	71,224,204
1967	1,563,504	42.34	66,198,759
1968	1,697,164	42.61	72,316,158
1969	1,415,526	54.53	77,188,633
1970	1,620,089	48.42	78,440,135
1971	2,037,305	36.27	73,893,052
1972	1,897,609	52.62	97,764,816
1973	1,734,065	82.75	143,493,879
1974	1,667,692	74.94	125,726,239
1975	1,245,216	113.59	141,444,085
1976	1,101,531	100.68	110,904,785
1977	1,173,975	95.94	112,631,162
1978	1,222,384	116.12	141,943,230
1979	1,416,887	101.40	143,672,342
1980	1,674,800	96.41	161,467,468
1981	1,601,314	114.82	183,862,873
1982	1,528,887	139.20	212,821,070

Table 49
SHEEP ON FARMS, JULY 1

Census Division	One Year and Older		Under One Year		Total Sheep		
	1981	1982	1981	1982	1981	1982	1982 as % 1981
	- thousands -						%
1	1.8	2.1	2.0	1.9	3.8	4.0	105.3
2	14.0	15.5	15.4	15.1	29.4	30.6	104.1
3	21.1	23.3	24.7	24.2	45.8	47.5	103.7
4	0.7	0.8	0.4	0.4	1.1	1.2	109.1
5	3.2	3.6	3.3	3.3	6.5	6.9	106.2
6	9.5	10.5	11.1	10.8	20.6	21.3	103.4
7	1.4	1.5	1.5	1.4	2.9	2.9	100.0
8	11.3	12.5	10.0	9.8	21.3	22.3	104.7
9	0.1	0.1	0.1	0.1	0.2	0.2	100.0
10	6.0	6.6	6.2	6.0	12.2	12.6	103.3
11	7.4	8.2	7.0	6.9	14.4	15.1	104.9
12	2.3	2.5	2.0	1.9	4.3	4.4	102.3
13	8.1	9.0	8.0	7.9	16.1	16.9	105.0
14	1.7	1.8	1.6	1.5	3.3	3.3	100.0
15	7.3	8.1	7.7	7.7	15.0	15.8	105.3
Province	95.8	106.0	101.0	99.0	196.8	205.0	104.2

Table 50
AVERAGE MONTHLY SHEEP PRICES, EDMONTON

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
						- dollars per 100 pounds -							
1981													
Lambs													
A & B 80 lbs+ . . .	65.00	63.84	65.63	-	-	73.41	70.00	62.71	53.83	48.20	53.26	53.39	56.85
C 50 lbs+	55.00	55.91	50.00	40.00	50.00	48.00	-	55.47	51.89	40.00	56.25	40.46	50.73
Feeders all wts . .	68.00	63.74	60.92	55.00	25.00	65.12	66.00	65.47	57.26	46.53	55.66	59.26	56.97
Sheep													
D1,2	51.00	51.36	40.00	40.60	32.92	35.54	35.00	30.76	25.54	29.82	31.42	35.00	31.02
D3,4	17.00	26.00	17.00	16.67	20.00	20.73	20.00	20.44	16.41	18.73	16.32	12.38	18.01
1982													
Lambs													
A & B 80 lbs+ . . .	60.00	62.79	64.39	64.75	65.00	76.00	67.91	60.63	50.57	51.97	53.72	57.33	56.35
C 50 lbs+	-	58.00	54.67	35.00	47.56	46.43	47.00	52.27	47.63	47.20	46.32	52.00	48.51
Feeders all wts . .	59.00	63.50	56.00	85.42	55.48	68.59	68.75	53.56	52.41	53.03	55.16	56.93	56.75
Sheep													
D1,2	47.00	40.94	45.38	42.34	27.50	36.30	36.38	29.51	38.64	31.30	36.89	33.01	35.97
D3,4	14.00	-	13.60	10.80	21.39	20.44	16.30	18.00	21.05	15.42	17.28	12.33	18.71

Table 51
SHEEP AND LAMB MARKETINGS

Census Division	Lambs						Sheep		Total	Delivered to		Direct Export
	A & B 80+	A & B -80	New Crop	C 50+	C -50	Feeders	D1,2	D3,4		Yards	Plants	
	- number -											
1	1,182	77	-	4	1	-	1	2	1,267	-	1,267	298
2	6,335	714	7	57	39	-	262	265	7,679	341	7,338	1,200
3	9,505	1,279	-	113	115	-	324	262	11,598	219	11,379	1,507
4	2	-	-	2	-	-	-	-	4	-	4	-
5	2,012	275	-	6	47	-	111	71	2,522	-	2,522	-
6	4,696	559	-	74	74	-	376	160	5,939	-	5,939	200
7	1,885	201	-	5	10	69	281	113	2,564	242	2,322	-
8	16,075	2,127	-	395	359	172	1,060	715	20,903	208	20,695	-
9	-	-	-	-	-	-	3	1	4	-	4	-
10	1,714	213	-	194	103	633	332	242	3,431	2,158	1,273	-
11	7,420	1,028	-	340	137	1,102	893	555	11,475	2,916	8,559	426
12	584	90	-	103	-	771	55	94	1,697	1,401	296	-
13	4,187	300	-	297	64	1,270	611	649	7,378	4,008	3,370	-
14	389	5	-	106	6	526	93	98	1,223	1,223	-	-
15	1,470	49	-	270	1	1,370	487	360	4,007	3,248	759	-
1982	57,456	6,917	7	1,966	956	5,913	4,889	3,587	81,691	15,964	65,727	3,631
1981	45,103	6,690	100	997	875	7,340	2,921	2,002	66,028	15,041	50,987	1,425
1980	36,323	2,632	622	1,556	128	5,835	1,725	1,582	50,403	15,498	34,905	10,604

Table 52
LIVESTOCK ON FARMS, JULY 1*

Year	Milk Cows & Dairy Heifers	Beef Cows & Beef Heifers	Calves	All Cattle	Hogs	Sheep and Lambs
			- thousand head -			
1961	356.6	1,160.8	912.9	2,879.4	1,469.9	496.9
1962	349.0	1,188.0	925.0	2,899.0	1,190.0	469.0
1963	347.0	1,266.0	962.0	3,035.0	1,113.0	431.0
1964	340.0	1,419.0	1,018.0	3,320.0	1,302.0	400.0
1965	324.0	1,531.0	1,076.0	3,473.0	1,169.0	355.0
1966	294.1	1,480.5	1,079.6	3,439.7	1,092.7	301.4
1967	272.0	1,518.0	1,035.0	3,393.0	1,262.0	260.0
1968	252.0	1,479.0	1,018.0	3,341.0	1,266.0	210.0
1969	232.0	1,478.0	989.0	3,286.0	1,187.0	180.0
1970	233.0	1,600.0	1,070.0	3,493.0	1,532.0	199.0
1971	223.6	1,721.3	1,157.3	3,702.1	1,739.1	244.9
1972	210.0	1,864.0	1,225.0	3,924.0	1,490.0	256.0
1973	205.0	2,031.0	1,319.0	4,201.0	1,499.0	241.0
1974	200.0	2,219.0	1,434.0	4,595.0	1,322.0	230.0
1975	193.0	2,242.0	1,458.0	4,689.0	873.0	209.0
1976	214.0	2,168.0	1,435.0	4,675.0	879.9	183.0
1977	210.0	2,078.0	1,315.0	4,350.0	944.3	146.5
1978	209.0	1,960.0	1,239.0	4,135.0	960.0	142.5
1979	215.0	1,925.0	1,205.0	4,080.0	1,130.0	153.5
1980	224.0	1,951.0	1,290.0	4,155.0	1,251.0	178.0
1981	220.5	1,936.0	1,300.0	4,153.0	1,185.0	198.0
1982	214.0	1,901.0	1,230.0	4,021.0	1,150.0	205.0

* Prior to 1975, estimates of livestock numbers based on June 1 survey.

Table 53
PER CAPITA CONSUMPTION OF MEATS IN CANADA

Year	Beef	Veal	Mutton & Lamb	Pork	Offals	Canned Meats	Poultry
			- kilograms -				
1961	32.0	3.1	1.6	22.8	2.0	2.0	14.1
1962	32.3	3.2	1.7	22.7	2.0	1.9	14.1
1963	33.7	2.9	1.8	23.0	1.8	2.0	15.0
1964	36.0	3.3	1.5	23.5	1.8	2.0	15.9
1965	37.9	3.8	1.3	21.7	1.6	2.4	16.6
1966	38.1	3.1	1.8	21.3	1.6	2.5	17.8
1967	37.7	3.2	1.9	24.7	1.8	2.8	18.5
1968	38.6	3.1	2.2	24.3	1.7	3.0	18.1
1969	38.8	2.3	2.3	23.3	1.7	3.4	20.0
1970	38.3	2.1	2.1	26.7	1.5	3.6	20.5
1971	40.2	2.0	1.5	29.5	2.0	*	19.7
1972	42.8	1.7	2.1	28.6	1.9	*	20.2
1973	42.0	1.5	1.6	26.9	1.8	*	20.9
1974	43.7	1.6	1.1	28.2	1.7	*	20.3
1975	48.5	2.4	1.4	24.2	1.7	*	19.0
1976	51.3	2.4	1.0	25.1	1.7	*	20.0
1977	48.9	2.3	0.8	25.1	1.6	*	20.7[1]
1978	45.7	1.8	0.9	25.9	1.9	*	21.3[1]
1979	39.9	1.4	1.1	29.0	1.4	*	22.8[1]
1980	39.6	1.4	0.8	31.3	1.9	*	22.8[1]
1981	41.0	1.6	0.7	30.3	1.4	*	22.6[1]
1982	40.4	1.7	0.7	27.9	1.3	*	22.7[1]

* Due to changes in source data, comparable information is not available.

[1] Does not include goose and duck.

DAIRY

There were an estimated 160,000 cows on farms in Alberta at Jauuary 1, 1983. This figure compares to 158,000 at January 1, 1982. Prior to July 1, 1979 the definition of a cow was any animal being kept for milk purposes over 24 months of age. This has been changed to all animals which have calved at least once.

Milk production during 1982-83 amounted to 545,051,000 litres, an increase of 10.88% over the previous year. The estimated farm value of milk production was 232.1 million dollars.

Creamery butter production totalled 8.5 million kilograms and cheddar cheese 4.0 million kilograms. Fluid milk sales increased to 236.3 million litres from 235.4 million litres.

Table 54
DAIRY PRODUCER REGISTRATIONS

	Type of Producer			
	Fluid	Industrial	Cream	Total
1982[1]	1,433	341	2,406	4,180
1983[2]	1,448	297	1,879	3,624

[1] Estimates at April 30, 1982
[2] Estimates at April 30, 1983

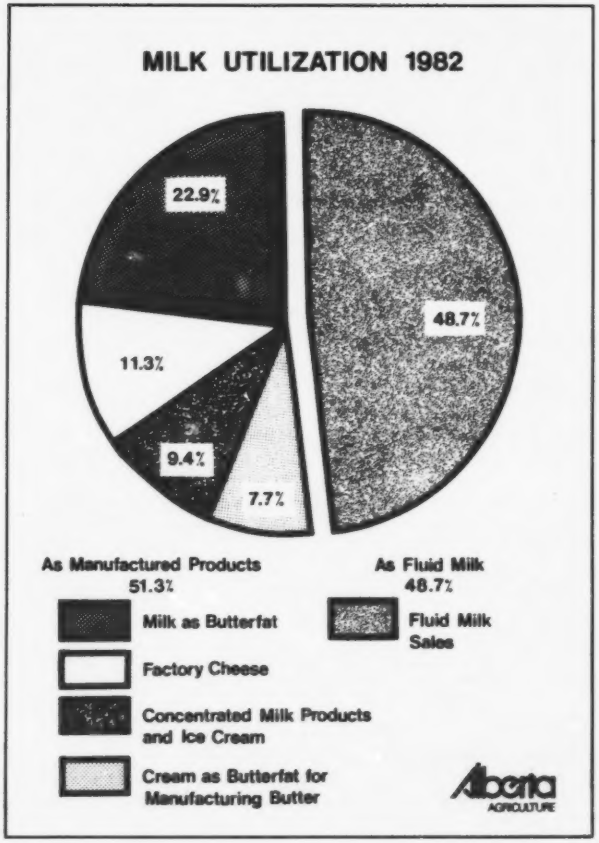


Table 55
FARM VALUE OF MILK PRODUCTION

	Year*	Production	Milk Equivalent	Total Milk	Price	Value
		'000 kg	'000 litres	%	$	$'000
Butterfat for Creamery Butter	1981	1 700	47 222	9.6	3.547/kg	6,030
. . . . .	1982	1 507	41 861	7.7	3.933/kg	5,927
Milk Purchased for the Manufacture of .	1981	3 501	97 236	19.8	32.90/hl	31,991
Powder and Butter 1/	1982	4 494	124 846	22.9	34.02/hl	42,478
Milk for Cheesemaking	1981		42 265	8.6	32.63/hl	13,791
. . . . .	1982		61 461	11.3	34.05/hl	20,927
Milk for Concentrating and Milk and . .	1981		45 286	9.2	34.49/hl	15,619
Butterfat for Ice Cream and Miscell-	1982		51 321	9.4	35.81/hl	18,378
aneous Products 2/						
Milk Purchased for Fluid Purposes . . .	1981		259 537	52.8	43.93/hl	114,015
. . . . .	1982		265 562	48.7	45.38/hl	120,504
Kept on Farms, Skimmilk for Creamery .	1981	42 500			13.87/100kg	5,895
Butter	1982	37 675			14.40/100kg	5,425
Estimated Federal Subsidy	1981					17,052
. . . . .	1982					18,475
Total	1981		491 546			187,341
	1982		545 051			232,113

* April - March 1981-82 and 1982-83.
1 Includes milk used for the making of cottage cheese.
2 Does not include butterfat from creamery butter used in the manufacture of ice cream.

Table 56
PRODUCTION AND VALUE OF FACTORY DAIRY PRODUCTS

	Year*	Quantity	Price	Value
		'000	$	$'000
Creamery Butter (kilograms)	1981	8 260	4.290/kg	35,435
	1982	8 475	4.762/kg	40,358
Cheddar Cheese (kilograms)	1981	3 599	5.104/kg	18,369
	1982	4 023	6.030/kg	24,259
Variety Cheese (kilograms)	1981	3 324	4.385/kg	14,576
	1982	3 651	5.082/kg	18,554
Ice Cream[1] (litres)	1981	27 873	1.240/litre	34,563
	1982	27 797	1.380/litre	38,360
Fluid Milk Sales (litres)	1981	235 434	0.710/litre	167,158
	1982	236 303	0.760/litre	179,590
Fluid Cream Sales (litres)	1981	8 968	1.400/litre	12,555
	1982	8 788	1.510/litre	13,270
Fluid Skimmilk, Buttermilk and Chocolate Drink Sales (litres)	1981	26 529	0.770/litre	20,427
	1982	24 690	0.830/litre	20,493
Skimmilk and Buttermilk in Factories (litres)	1981	7 432	2.370/kg	17,614
	1982	8 406	2.605/kg	21,898
Whey in Factories (kilograms)	1981	61 619	nil	nil
	1982	68 305	nil	nil
Miscellaneous Manufactured Products[2]	1981			59,180
	1982			68,161
Total	1981			379,877
	1982			424,943

* April - March 1981-82 and 1982-83
1 Includes hard and soft ice cream.
2 Includes concentrated milk products, cottage cheese, whey cheese and yoghurt.

POULTRY AND EGGS

The upward production trend experienced in the industry in recent years continued in 1982. During the year, total poultry meat output in the province rose by 3% to 54 015 tonnes. However, production of turkey meat declined by 807 tonnes but this was more than offset by a 2 427 tonne increase in chicken and fowl meat production. Producers consumed about 2% of total output, making 53 035 tonnes available on the market. In comparison, about 51 362 tonnes was available on the market in 1981.

Average monthly layer numbers in Alberta declined by about 2% during the year but total egg production was almost unchanged from 1981. Prices to producers for all classes of grade A eggs declined markedly while grades B and C eggs remained at year earlier prices. The proportion of total egg output used by producers was unchanged from the 1981 level of 5%.

The number of commercial hatcheries was static at 16, unchanged from 1981. Total hatchery capacity remained at the 1981 level of 6,250,004. The province has been without a breeder hatchery since the last one terminated its operations in 1981.

Production of egg-type chicks increased 7% in 1982 to 4,857,680 but broiler-type chick numbers increased only marginally to 35,227,842. About 4% of all chicks hatched in the province were exported while approximately 6% (mostly Leghorn cockerels) were destroyed. The total number of poults hatched was down almost 8% to 1,330,143.

Table 57
EGG PRICES TO PRODUCERS

	Grade AL	Grade AM	Grade AS	Grade B	Grade C
	- cents per dozen -				
	1981				
January	96	88	66	55	27
February	99	91	69	55	32
March	99	91	69	55	32
April	99	91	69	55	32
May	100	92	63	55	32
June	100	92	63	55	32
July	100	92	63	55	32
August	102	94	62	55	32
September	103	95	58	55	32
October	101	93	56	55	32
November	101	93	53	55	32
December	99	91	51	55	32
	1982				
January	97	89	49	55	32
February	96	88	49	55	32
March	96	88	49	55	32
April	95	87	48	55	32
May	95	87	48	55	32
June	95	87	48	55	32
July	96	88	49	55	32
August	98	90	51	55	32
September	99	91	52	55	32
October	99	91	52	55	32
November	97	91	52	55	32
December	95	87	50	55	32

Table 58
HATCHERY CAPACITIES

	Breeder Hatcheries	Commercial Hatcheries	Total Hatchery Capacity
		- number -	
1977	2	19	5,236,832
1978	1	17	5,192,680
1979	1	17	5,257,784
1980	1	15	5,781,812
1981	0	16	6,250,004
1982	0	16	6,250,004

Table 59
CHICK PRODUCTION

For Egg Production Type			For Broiler Production Type		
1981	1982	Change	1981	1982	Change
- number -		%	- number -		%
4,540,022	4,857,680	+7.0	35,041,351	35,227,842	+0.5

Table 60
CHICK DISPOSITION

	Hatch-ability	Hatched[1]	Not Sold[2]	Exported	Imported	Remaining In Province	Other[3]
				- number -			
1977	74.7	28,335,357	1,913,414	734,950	332,490	26,694,501	675,018
1978	73.9	31,776,741	1,710,104	573,260	424,877	30,662,191	743,937
1979	74.4	36,178,404	1,748,817	800,055	560,597	35,045,154	855,025
1980	73.5	35,574,026	1,886,604	1,543,142	481,195	33,353,517	728,042
1981	75.8	39,581,372	2,102,561	1,839,112	446,036	36,883,584	797,849
1982	77.4	40,085,522	2,254,319	1,421,022	516,585	37,339,266	412,500

[1] Includes both Leghorn and broiler chicks.
[2] The high number of chicks not sold is a result of Leghorn cockerels that are destroyed.
[3] Birds brought in from other provinces (not included in "Imports"). Includes started pullets

Table 61
POULT PRODUCTION

	Eggs Set	Eggs Imported	Hatched	Hatch-ability	Imported	Exported	Poults On Farms	Other*
		- number -		%		- number -		
1977	2,333,054	492,094	1,520,122	65.2	7,090	265,415	1,490,254	228,457
1978	2,155,632	183,966	1,340,352	62.2	12,695	199,933	1,393,626	240,512
1979	2,939,327	393,642	1,871,335	63.7	10,682	405,129	1,804,081	327,193
1980	2,934,130	550,310	1,835,304	62.6	-	272,510	1,783,741	220,947
1981	2,244,185	614,151	1,444,563	64.4	-	223,230	1,514,267	292,934
1982	2,009,805	746,628	1,330,143	66.2	43,550	134,692	1,549,001	310,000

* Poults brought in from other provinces (not included in "Imports").

Table 62
POULTRY EVISCERATED IN REGISTERED STATIONS

	Chickens		Fowl	Ducks	Geese	Turkeys			
	Under 2 kg	Over 2 kg				Under 5 kg	5-8 kg	Over 8 kg	Total
				- thousand pounds -					
1977	22 277	725	846	0.5	12.3	1 840	2 763	3 760	8 362
1978	26 328	903	480	0.9	2.7	1 707	2 485	3 552	7 744
1979	29 525	1 624	1 610	0.9	13.6	1 816	3 374	3 621	8 812
1980	29 215	1 356	1 809	1.8	9.1	2 153	3 122	4 153	9 428
1981	32 244	1 700	1 863	2.3	5.9	2 099	2 757	1 888	8 453
1982	34 409	2 501	2 059	-	6.0	1 914	3 487	3 203	8 724*

*Includes mature turkey (120,000 kgs)

Table 63
OUTPUT AND VALUE OF POULTRY MEATS

	Total Production		Consumed by Producers		Sold	
	Tonnes	Value $'000	Tonnes	Value $'000	Tonnes	Value $'000
			1981			
Fowl & Chicken	43 541	63,852	860	805	42 681	63,047
Turkey	8 853	15,556	173	304	8 680	15,252
Total	52 394	79,408	1 033	1,109	51 361	78,299
			1982			
Fowl & Chicken	45 969	67,732	821	806	45 148	66,926
Turkey	8 046	14,370	159	284	7 887	14,086
Total	54 015	82,102	980	1,090	53 035	81,012

Table 64
PRODUCTION, DISTRIBUTION AND VALUE OF EGGS

1981

	Production		Disposition			
	Average Number of Layers	Production[1]	Sold for Market[2]	Value	Used by Producers	Value
	'000	'000 doz.	'000 doz.	$'000	'000 doz.	$'000
January	2,394	3,886	3,319	2,960	235	187
February	2,424	3,594	3,039	2,744	211	170
March	2,448	3,955	3,272	2,942	206	170
April	2,427	3,752	3,105	2,776	189	157
May	2,405	3,818	3,259	2,998	190	152
June	2,395	3,672	3,132	2,872	170	134
July	2,374	3,897	3,384	3,022	180	143
August	2,358	3,726	3,232	2,954	174	149
September	2,358	3,726	3,249	2,940	176	144
October	2,342	3,513	3,009	2,735	183	147
November	2,304	3,448	2,975	2,683	171	146
December	2,314	3,797	3,274	2,924	200	182
Year	2,379[3]	44,784	38,249	34,550	2,285	1,881

[1] Hatching eggs included.
[2] Hatching eggs not included.
[3] Weighted average of monthly estimates.

1982

	Production		Disposition			
	Average Number of Layers	Production[1]	Sold for Market[2]	Value	Used by Producers	Value
	'000	'000 doz.	'000 doz.	$'000	'000 doz.	$'000
January	2,343	3,843	3,326	2,947	197	181
February	2,362	3,537	3,031	2,698	167	152
March	2,371	3,752	3,073	2,717	193	176
April	2,381	3,710	3,079	2,700	188	168
May	2,380	3,879	3,282	2,839	195	171
June	2,362	3,734	3,181	2,748	188	167
July	2,356	4,003	3,495	3,090	185	164
August	2,321	3,814	3,313	2,959	172	151
September	2,288	3,646	3,164	2,825	196	173
October	2,292	3,490	3,028	2,698	205	183
November	2,309	3,404	2,941	2,562	185	160
December	2,320	3,832	3,353	2,867	192	174
Year	2,340[3]	44,644	38,266	33,650	2,263	2,020

1 Hatching eggs included.
2 Hatching eggs not included.
3 Weighted average of monthly estimates.

APICULTURE

Alberta's beehive population increased to a new record of 174,000 in 1982, surpassing by 4,000 the previous high recorded a year earlier. The population of beekeepers, on the contrary, declined by nearly 3% to 1,650. Thus, the average apiary expanded from 100 to 105 hives. Despite the rise in hive numbers, the honey crop decreased substantially as yields were down in all regions. Average yield was 46 kg per hive compared to 55 kg in 1981. The area most seriously affected was the Peace River region where yields decreased to about 55% of the previous five-year average.

Provincially, total honey production dropped nearly 22% from 1981 levels to 8 210 tonnes in 1982. The value of honey and wax produced was $11.5 million. In addition, beekeepers enrolled under the Albera crop insurance program received total payments of $1.24 million.

Table 65
BEEKEEPERS AND COLONIES

	Beekeepers	Colonies	Hives Per Apiary
		- number -	
1971	1,200	115,000	96
1972	1,200	130,000	108
1973	1,300	145,000	112
1974	1,800	156,000	87
1975	2,000	158,000	79
1976	2,000	160,000	80
1977	1,800	165,000	92
1978	1,800	160,000	89
1979	1,700	150,000	88
1980	1,800	160,000	89
1981	1,700	170,000	100
1982	1,650	174,000	105

Table 66
HONEY PRODUCTON AND PRICE

	Yield Per Hive	Total Production	Price
	kg	tonnes	$/kg
1971	89	10 224	0.42
1972	70	9 140	0.66
1973	68	9 800	0.99
1974	52	8 137	0.90
1975	40	6 307	0.88
1976	58	9 290	0.82
1977	59	9 730	0.95
1978	57	9 072	1.12
1979	68	10 251	1.26
1980	64	10 306	1.28
1981	62	10 478	1.42
1982	47	8 210	1.37

Table 67
HONEY AND BEESWAX VALUE

	Honey	Honey and Wax
	- dollars -	
1971	4,283,000	4,493,000
1972	6,045,000	6,244,000
1973	9,722,000	9,997,000
1974	7,355,000	7,654,000
1975	5,562,000	5,765,000
1976	7,578,000	7,841,000
1977	9,224,000	9,712,000
1978	10,200,000	10,641,000
1979	12,882,000	13,368,000
1980	13,166,000	14,579,000
1981	14,934,000	15,339,000
1982	11,265,000	11,506,000

FUR FARMS

Table 68
FUR FARM LICENSES

	1980-81	1981-82
	- number -	
Mink Std. & Mut	11	7
Fox	8	12
Mink & Fox	1	-
Chinchilla	9	9
Other	2	2
Total	31	30

Table 69
ANIMALS RETAINED FOR BREEDING

	No. of Animals		Total Value	
	1980-81	1981-82	1980-81	1981-82
			- dollars -	
Mink Std. & Mut.	21,042	20,619	736,470	618,570
Chinchilla	1,534	1,583	38,350	31,430
Fox	455	898	136,500	107,760
Total	23,031	23,100	911,320	757,760

Table 70
ANIMALS PELTED

	Mink Pelts Produced	Mink Pelts Value
		- dollars -
1975-76	67,608	1,442,380
1976-77	53,147	1,367,751
1977-78	51,395	1,429,322
1978-79	51,219	2,286,928
1979-80	49,389	2,388,452
1980-81	33,270	1,164,450
1981-82	34,117	1,023,510

Table 71
ANIMALS EXPORTED

	No. of Animals		Total Value	
	1980-81	1981-82	1980-81	1981-82
			- dollars -	
Mink Std. & Mut.	33,270	34,117	1,164,450	1,023,510
Chinchilla	187	227	4,675	7,945
Fox	465	29	139,500	3,480
Total	33,922	34,373	1,308,625	1,034,935

CENSUS AND COMPARATIVE DATA

Table 72
CENSUS DATA

		1961	1971	1976*	1981*
Total Population	no.	1,331,944	1,627,874	1,838,037	2,237,724
Farm Population	no.	287,814	237,924	219,302	195,284
Per Cent on Farms	%	21.6	14.6	11.9	8.7
Number of Farms	no.	73,212	62,702	61,130	58,056
Average Size of Farm	ac.	645	790	817	813
Average Value of Agricultural Products Sold per Farm	$	n.a.	13,273	n.a.	56,236
Farm Classification:					
Under 3 Arces	%	0.3	0.3	0.3	0.5
3 - 9 Acres	%	0.9	1.1	0.9	1.0
10 - 69 Acres	%	2.5	4.0	5.8	5.8
70 - 239 Acres	%	21.1	16.9	18.9	21.4
240 - 399 Acres	%	26.5	20.1	17.8	16.2
400 - 559 Acres	%	16.1	14.6	13.0	11.8
560 - 759 Acres	%	11.5	13.1	11.9	11.0
760 - 1,119 Acres	%	10.2	13.5	13.4	13.1
1,120 - 1,599 Acres	%	5.4	7.7	8.2	8.6
1,600 - 2,239 Acres	%	2.5	4.0	4.3	4.9
2,240 - 2,879 Acres	%	1.0	1.7	2.0	2.1
2,880 Acres and Over	%	2.0	3.0	3.5	3.6
Farm Operated by:					
Owner	%	59.1	59.3	60.4	58.3
Tenant	%	9.2	6.7	6.3	6.3
Owner-Tenant	%	31.1	34.0	33.3	35.5
Manager	%	0.6	1/	1/	1/

		1961	1971	1976*	1981*
Age of Farm Operators:					
Under 25 Years	%	3.2	2.5	3.6	3.5
25 - 34 Years	%	16.2	14.2	16.3	17.9
35 - 44 Years	%	25.5	24.1	24.0	23.5
45 - 54 Years	%	25.6	28.6	27.1	26.0
55 - 59 Years	%	11.5	11.5	11.3	11.3
60 - 64 Years	%	8.3	9.1	8.5	8.7
65 - 69 Years	%	5.1	5.8	5.0	5.2
70 Years and Over	%	4.6	4.2	4.2	3.9
Average Age of Farm Operator	yrs.	47	49	47	46
Occupied Farm Land	'000 ac.	47,229	49,506	49,929	47,218
Improved Farm Land	'000 ac.	25,289	28,460	29,302	30,951
Field Crops	'000 ac.	15,615	18,092	18,877	20,859
Wheat Total	'000 ac.	5,633	3,443	5,545	6,705
(Durum)	'000 ac.	(189)	(242)	(n.a.)	(506)
Oats for Grain	'000 ac.	2,642	1,864	1,794	1,311
Barley	'000 ac.	2,867	5,689	5,630	6,433
Mixed Grain	'000 ac.	374	419	268	145
Fall Rye	'000 ac.	149	226	) 181	241
Spring Rye	'000 ac.	25	24	)	52
Flaxseed	'000 ac.	362	271	73	102
Canola/Rapeseed	'000 ac.	307	1,988	740	1,455
Tame Hay	'000 ac.	2,477	3,260	3,850	3,481
Other Fodder	'000 ac.	621	733	659	748
Sugar Beets	'000 ac.	41	43	42	36
Other Crops	'000 ac.	117	132	95	150
Improved Pasture	'000 ac.	1,670	2,745	3,278	3,908
Summerfallow	'000 ac.	7,450	7,009	6,494	5,450
Other Improved Land	'000 ac.	554	614	653	734
Unimproved Land	'000 ac.	21,940	21,046	20,627	16,267

		1961	1971	1976*	1981*
Livestock and Poultry:					
Cattle	'000 head	2,879	3,702	4,614	4,193
Pigs	'000 head	1,470	1,816	878	1,199
Sheep	'000 head	497	245	189	201
Horses	'000 head	113	89	90	119
Hens and Chickens	'000 head	9,205	7,923	7,981	9,190
Turkeys	'000 head	1,184	896	822	903
Ducks	'000 head	93	112	108	129
Geese	'000 head	90	78	64	68
Farm Machinery:					
Tractors	no.	102,624	111,256	118,987	124,214
Grain Combines	no.	38,530	42,373	42,984	42,663
Grain Binders	no.	32,476	-	-	-
Threshing Machines	no	13,006	-	-	-
Swathers	no.	27,805	40,749	44,227	47,601
Motor Trucks	no.	71,508	93,471	112,836	123,835
Farm Capital:					
Land and Building	$'000	1,715,367	3,530,252	10,627,528	29,961,159
Machinery and Equipment	$'000	550,876	867,446	2,110,053	4,362,215
Livestock and Poultry	$'000	451,254	803,855	1,124,065	2,503,766
Total Capital Value	$'000	2,717,497	5,201,553	13,861,646	36,827,140
Average Per Farm	$'000	37	83	227	634

[1] In the 1971 Census, a hired manager was asked to report whether the land operated by him was owned or rented by his employer. This was a change from previous censuses wherein a farm operated by a hired manager was classified as being managed rather than owned or rented.

* The 1976 and 1981 census-farm definition differs from that used in previous censuses. To help users relate to previous censuses, the data in this report represents "all agricultural holdings".

Table 73
COMPARATIVE STATISTICS

		Alberta	Alberta as Per Cent of Prairie Provinces	Alberta as Per Cent of Canada
CENSUS STATISTICS 1981				
Total Population	no.	2,237,724	52.9	9.2
Farm Population	no.	195,284	40.6	18.1
Number of Farms	no.	58,056	37.5	18.2
Total Land Area	ac.	157,710,720	36.3	6.9
Occupied Farm Land	ac.	47,218,170	36.3	29.0
Per Cent of Total Land Occupied	%	29.9	-	-
Improved Land	ac.	30,951,142	33.2	27.2
Unimproved Land	ac.	16,267,083	44.0	33.3
CROP AREA 1982				
Winter Wheat	ac.	200,000	100.0	40.0
Spring Wheat	ac.	6,200,000	23.3	23.1
Durum Wheat	ac.	450,000	12.0	12.0
All Wheat	ac.	6,850,000	22.4	22.0
Oats for Grain	ac.	1,400,000	44.4	34.3
Barley for Grain	ac.	6,200,000	53.2	48.4
All Rye	ac.	300,000	31.1	27.6
Mixed Grains	ac.	150,000	44.8	11.4
Flaxseed	ac.	150,000	9.7	9.7
Canola/Rapeseed	ac.	1,850,000	45.1	43.6
Corn for Grain	ac.	11,000	5.2	0.4
Peas,dry	ac.	13,000	7.5	7.5
Lentils	ac.	10,000	6.7	6.7
Mustard Seed	ac.	50,000	30.3	30.3
Tame Hay	ac.	3,500,000	53.8	27.7
Fodder Corn	ac.	25,000	24.5	2.5
Sugar Beets	ac.	30,400	52.3	43.1
Potatoes	ac.	16,600	27.7	6.1
Summerfallow	ac.	5,250,000	22.8	22.8

		Alberta	Alberta as Per Cent of Prairie Provinces	Alberta as Per Cent of Canada
LIVESTOCK ON FARMS, JULY 1, 1982				
Bulls	no.	86,000	53.6	33.8
Milk Cows and Heifers	no.	214,000	48.8	8.5
Beef Cows and Heifers	no.	1,575,000	51.8	38.7
Heifers for Slaughter	no.	326,000	68.5	41.4
Steers	no.	590,000	63.9	36.4
Calves	no.	1,230,000	51.1	32.8
Total Cattle and Calves	no.	4,021,000	54.0	31.0
Hogs - Breeding Stock 6 Months and Over	no.	137,000	45.9	12.4
All Other Pigs	no.	1,013,000	45.7	11.9
Total Hogs	no.	1,150,000	45.7	12.0
Sheep One Year and Over	no.	106,000	64.0	23.1
Lambs Under One Year	no.	99,000	64.9	27.6
Total Sheep and Lambs	no.	205,000	64.5	25.1

Table 74
CANADIAN - METRIC CONVERSIONS

AREA		
1 hectare	2.47109	acres
	0.00368	square mile
1 square kilometre	0.36810	square mile
1 acre	0.40468	hectare
1 square mile (640 acres)	259	hectares
	2.59	square kilometres
1 arpent	0.871	acre
WEIGHT		
1 kilogram	2.2046	pounds
1 tonne (1 000 kg)	2204.622	pounds
	22.046	short hundred-weights
	19.684	long hundred-weights
	1.10231	short tons
	0.98420	long ton
1 pound	0.45359	kilogram
1 short hundredweight (100 lb.)	0.045359	tonne
1 long hundredweight (112 lb.)	0.050802	tonne
1 short ton (2,000 lb.)	0.90718	tonne
1 long ton (2,240 lb.)	1.01605	tonne

Table 75
WEIGHT EQUIVALENTS OF SELECTED COMMODITIES

Wheat		
1 bushel	0.027216	tonne
1 tonne	36.744	bushels
Oats		
1 bushel	0.015422	tonne
1 tonne	64.842	bushels
Barley		
1 bushel	0.021773	tonne
1 tonne	45.930	bushels
Rye, Flaxseed and Corn		
1 bushel	0.0254	tonne
1 tonne	39.368	bushels
Canola/Rapeseed		
1 bushel	0.02268	tonne
1 tonne	44.092	bushels

Table 76
PRINCIPAL FIELD CROPS IN METRICS

Census Division	Area 1981	Area 1982	Yield Per Hectare 1981	Yield Per Hectare 1982	Production 1981	Production 1982
	- hectares -		- tonnes -		- tonnes -	
			ALL WHEAT			
1	258 000	251 000	2.23	2.12	576 000	532 000
2	359 000	368 000	2.91	2.48	1 046 000	913 000
3	129 000	139 000	2.67	2.03	344 000	282 000
4	255 000	248 000	1.65	1.82	422 000	451 000
5	422 000	435 000	2.76	2.38	1 164 000	1 035 000
6 & 9	95 000	110 000	2.86	2.68	272 000	295 000
7	385 000	399 000	1.80	2.41	692 000	961 000
8	30 000	32 000	2.87	2.75	86 000	88 000
10	352 000	325 000	2.03	2.30	714 000	749 000
11	57 000	54 000	2.68	2.46	153 000	133 000
12	42 000	44 000	2.12	2.11	89 000	93 000
13) 14) 15	47 000 280 000	55 000 312 000	2.62 1.93	2.24 1.54	123 000 540 000	123 000 482 000
Province	2 711 000	2 772 000	2.29	2.21	6 221 000	6 137 000
			OATS FOR GRAIN			
1	6 000	8 000	2.33	2.38	14 000	19 000
2	11 000	9 000	2.91	2.78	32 000	25 000
3	14 000	17 000	2.50	2.06	35 000	35 000
4	25 000	41 000	1.72	1.90	43 000	78 000
5	18 000	17 000	2.83	2.47	51 000	42 000
6 & 9	28 000	38 000	3.07	2.82	86 000	107 000

Census Division	Area		Yield Per Hectare		Production	
	1981	1982	1981	1982	1981	1982
	- hectares -		- tonnes -		- tonnes -	
		OATS FOR GRAIN (cont'd.)				
7	61 000	79 000	1.88	2.64	115 000	209 000
8	30 000	34 000	3.03	2.70	91 000	92 000
10	105 000	102 000	2.13	2.61	224 000	266 000
11	61 000	58 000	2.82	2.78	172 000	161 000
12	41 000	53 000	2.34	2.30	96 000	122 000
13) 14)	60 000	55 000	2.80	2.58	168 000	142 000
15	66 000	55 000	1.85	1.91	122 000	105 000
Province	526 000	566 000	2.37	2.48	1 249 000	1 403 000
		BARLEY FOR GRAIN				
1	23 000	22 000	2.83	2.68	65 000	59 000
2	141 000	131 000	3.60	3.22	508 000	422 000
3	177 000	182 000	3.05	2.44	540 000	445 000
4	16 000	14 000	2.00	2.28	32 000	32 000
5	196 000	172 000	3.32	2.98	651 000	513 000
6 & 9	262 000	249 000	3.17	3.07	831 000	764 000
7	165 000	135 000	2.08	2.97	344 000	401 000
8	312 000	304 000	3.02	2.76	943 000	839 000
10	323 000	287 000	2.33	2.96	752 000	850 000
11	236 000	232 000	2.81	2.89	663 000	671 000
12	103 000	109 000	2.46	2.59	253 000	282 000
13) 14)	207 000	209 000	2.68	2.59	554 000	541 000
15	449 000	463 000	1.85	1.87	831 000	865 000
Province	2 610 000	2 509 000	2.67	2.67	6 967 000	6 684 000

A.R.A.	Area		Yield Per Hectare		Production	
	1981	1982	1981	1982	1981	1982
	- hectares -		- tonnes -		- tonnes -	
			FLAXSEED			
1	5 000	6 700	1.54	1.36	7 700	9 100
2	18 600	30 300	1.62	1.38	30 100	41 700
3	2 500	3 600	1.52	1.17	3 800	4 200
4A	4 400	6 500	1.14	1.37	5 000	8 900
4B	2 100	3 000	1.05	1.13	2 200	3 400
5	700	1 000	1.28	1.40	900	1 400
6	1 300	1 900	1.23	1.16	1 600	2 200
7	5 900	7 700	0.78	0.69	4 600	5 300
Province	40 500	60 700	1.38	1.26	55 900	76 200
			CANOLA / RAPESEED			
1	2 200	2 900	1.36	1.28	3 000	3 700
2	45 600	53 300	1.77	1.46	80 600	77 900
3	33 800	46 300	1.68	1.45	56 700	67 100
4A	90 300	115 100	1.36	1.55	122 800	178 700
4B	135 800	173 600	1.37	1.32	185 700	229 100
5	55 000	100 400	1.53	1.32	84 000	132 200
6	34 400	43 700	1.28	1.10	44 000	48 100
7	189 700	213 300	0.96	0.90	183 000	193 100
Province	586 800	748 600	1.29	1.24	759 800	929 900
			FALL RYE			
1-3	86 000	77 900	2.80	2.09	241 300	162 700
4A-6	12 800	16 900	1.86	1.93	23 800	32 600
7	2 300	2 300	1.78	1.22	4 100	2 800
Province	101 100	97 100	2.66	2.04	269 200	198 100

A.R.A.	Area 1981	Area 1982	Yield Per Hectare 1981	Yield Per Hectare 1982	Production 1981	Production 1982
	- hectares -		- tonnes -		- tonnes -	
SPRING RYE						
1-3	8 800	10 700	2.49	0.62	21 900	17 300
4A-6	11 100	13 200	2.54	1.91	28 200	25 200
7	300	400	2.33	1.75	700	700
Province	20 200	24 300	2.51	1.78	50 800	43 200
ALL RYE						
1-3	94 800	88 600	2.78	2.03	263 200	180 000
4A-6	24 000	30 200	2.17	1.91	52 000	57 800
7	2 600	2 600	1.85	1.35	4 800	3 500
Province	121 400	121 400	2.64	1.99	320 000	241 300
TAME HAY						
1	66 900	62 400	4.03	4.11	269 700	256 700
2	115 700	114 100	6.87	60.8	795 100	694 400
3	172 300	168 700	5.21	3.80	897 400	640 500
4A	67 500	68 000	2.38	3.46	160 700	235 400
4B	84 200	82 800	3.18	3.60	267 800	298 500
5	344 800	342 100	5.08	4.48	1 750 500	1 531 000
6	334 000	350 100	3.81	3.69	1 272 800	1 292 400
7	231 000	228 200	2.87	2.56	664 100	584 900
Province	1 416 400	1 416 400	4.29	3.91	6 078 100	5 533 800
OTHER CROPS						
Winter Wheat	101 000	81 000	3.07	2.45	310 300	198 700
Durum Wheat	202 000	182 000	2.45	2.09	495 300	381 000
Mixed Grains	60 700	60 700	2.69	2.69	163 300	163 300
Corn for Grain	4 400	4 400	6.90	5.43	30 500	23 900
Peas, dry	3 200	5 300	2.97	2.87	9 500	15 200
Lentils	2 400	4 000	1.08	1.02	2 600	4 100
Mustard Seed	18 200	20 200	1.35	1.35	24 500	27 200
Potatoes	6 700	7 300	25.73	26.29	172 400	191 900
Sugar Beets	14 200	12 300	50.34	38.13	714 800	469 000
Fodder Corn	10 100	10 100	42.22	40.42	426 400	408 200

SOURCES AND METHODS

The general procedure used in preparing this yearbook has remained similar since 1972. A large percentage of the material presented for the current year was based on estimates derived from sample data. Users are reminded that the data is subject to revision. Revisions made to the 1981 data are included in this report.

INCOME

Farm income data on a provincial basis are derived by Alberta Agriculture in conjunction with Statistics Canada.

Farm wages are obtained from Statistics Canada's publication 21-202.

Food and Beverage Statistics were developed by the Alberta Bureau of Statistics.

The Edmonton Food Price Index and Alberta Average farm input prices were developed from data collected and assembled by Alberta Agriculture. Further information is available through the Statistics Branch, Alberta Agriculture.

CROPS

Total production value includes all crops grown on farms in the current year for sale, feed, seed and home consumption at the prevailing market prices during the crop year. The method of disposal of these crops for various uses in the current or subsequent years may have very little effect on the total value. Production value for each crop represents value to the producer.

Prices used to calculate value of production are those which farmers receive at the shipping point less freight, handling and other marketing charges. Transportation costs incurred by farmers themselves in delivering grain to elevators are included with farm expenses. The estimated final prices are subject to revision after all relevant sales and payments are made.

Major crop areas are estimated by Statistics Canada in cooperation with Alberta Agriculture. Minor crops, such as sugar beets and mustard seed are estimated through contacts with dealers, processors, and Alberta Agriculture field staff. Estimates are for seeded acres in most cases, and yields are reported on the land devoted to the crop at seeding time except oats and barley which are based on harvested areas. The November estimates (Statistics Canada 22-002) contain the latest area and yield estimates.

Statistics Canada, Agriculture Division developed yields of major crops through surveys.

Grain quality distribution is based on Alberta Wheat Pool estimates. Wheat Board Payments are reported by the Canadian Wheat Board. Lakehead selling prices are recorded by the Canadian Grain Commission. Non Board prices for the major centres in the province are those developed through the Alberta Feed and Forage Exchange.

Forage seed data are from Plant Production Division, Agriculture Canada and the Plant Industry Division, Alberta Agriculture.

Dry bean statistics were provides by the Pulse Growers Association of Alberta.

Fertilizer sales volumes were provided by Western Canada Fertilizer Association.

LIVESTOCK

Market and quality data for cattle, hogs and sheep are obtained from the Agriculture Canada publication "Canada Livestock and Meat Trade Report." Prices pertain to stockyard sales.

Data on insemination and brand inspection were obtained from Animal Industry Division, Alberta Agriculture.

Dairy statistics are obtained from the Dairy Division, Alberta Agriculture.

Monthly poultry prices are the average of recorded weekly prices from Canada Department of Agriculture. Production values for eggs were obtained from Statistics Canada, publication 23-202. Data on hatchery capacity, chick production and disposition, poult production and poultry eviscerated in registered stations were supplied by Poultry Branch, Alberta Agriculture.

OTHER PRODUCTS

Alberta Agriculture in cooperation with Statistics Canada produce honey estimates.

Fur data are obtained from the Animal Health Division.